

62.23

*Per*

Summer  
1954

# AMERICAN BULB COMPANY

ALL  
BREEDS  
CHOICE  
FLOWER  
SEEDS

Chicago, Ill.





# PERM-A-NESTS

## THE NEW ALL-PURPOSE PLASTIC PLANT TRAYS



Showing the two large sizes of Perm-A-Nests.  
See how nicely they stack for storage.

### WATERTITE OR WITH DRAINAGE PERM-A-NESTS SERVE AS:

#### • Plant Pot Trays for Florists and Home Growers

Easy carrying, light-weight. Attractive grouping of potted plants with natural watering from the bottom. Simple functional style. Soft earth colors enhance appearance of plant displays. No leakage. No mud stains.

#### • Greenhouse Seed and Bulb Flats

Controlled drainage—drill out drain embossments as desired. No plant disease from Permanests. Smooth, hard surface has no bacteria-hiding pores. Washable. Easily sterilized with ordinary detergents. Great chemical resistance. Use any fertilizer or insecticide.

#### • Indoor Garden Trays

Ideal for cultivating luxuriant indoor gardens.

### PERMANENT FEATURES

- **STURDY.** Made of thick polystyrene, the underground pipe material.
- **LOW ANNUAL COST.** Permanests will serve you for many years.
- **NO ROT—NO RUST.** Permanests have been buried in mud for 6 months without damage.
- **LIGHT WEIGHT.** Low freight costs.
- **NESTING FEATURE.** Easily stored. 2000 large Permanests will stack along a 10-foot wall.
- **LABOR SAVING.** Carry fifty at a time. Neat stack does not clutter up work area.
- **NO WATER ABSORPTION.** Always light weight. Refrigerator interiors are made of this material.
- **BETTER INFECTION CONTROL.** No pores to harbor bacteria.
- **CONTROLLED DRAINAGE.** Maximum drainage or watertite, as you require.

### Prices in Various Quantities

Size	Per 50	500	1,000	5,000	10,000
8x4x2¼ in., each.....	\$0.15	\$0.14	\$0.13½	\$0.12½	\$0.11½
8x8x2½ in., each.....	.24	.23	.22	.20	.19
	Per doz.	6 doz.	12 doz.	50 doz.	100 doz.
12x8x2½ in., each.....	\$0.40	\$0.38	\$0.36	\$0.34	\$0.31
22x11x2½ in., each.....	1.10	1.05	1.00	.95	.90

## PLASTIC STERILIZING COVERS

### A. F. S. SPECIAL HEAVY PLASTIC STERILIZING CLOTH

After years of experimenting we have found a heavy plastic material that makes the best sterilizing blanket so far. Strong (heavy 12 gauge), yet flexible.

Accidental tears or punctures can be easily repaired by placing a piece cut off the end over the hole with a piece of cloth over and under the patch, and then applying a hot iron for 5 seconds.

Makes a tight joint at bench edges. Light (11 ozs. a sq. yd.) and easy to handle. Transparent.

Available in any length or width, but pieces 6 ft. or 8 ft. wide are the most popular. Price: F.O.B. Philadelphia, per sq. yd.....\$1.80

Send for free sample.

### JEDNAK STERICOVER

Lightweight but durable plastic cover. It clings to the side of concrete benches after steaming is begun, thereby giving the grower complete sealing in of the steam. Seamless, mildew proof, easily repaired.

Available in 6-ft. widths only and will be cut to any length. It is suggested that 8% additional length be ordered to cover possible shrinkage. Weighs about 7-1/3 ozs. per sq. yd.

Price: F.O.B. Cleveland. Per sq. ft.....7½c

### FUMI-COVERS

Made of Firestone Velon, a light-weight pure vinyl plastic film of 3 gauge. Used as a gas-tight cover with chemical soil fumigants or steam. Wt. 3-1/3 ozs. per sq. yd. Available in **Clear** or **Black** Plastic. Black Fumicover can also be used in shading Mums.

6½ ft. x 150 ft....	Wt. 21 lbs....	\$32.00
10 ft. x 100 ft....	Wt. 22 lbs....	32.00
10 ft. x 150 ft....	Wt. 32 lbs....	45.00
13 ft. x 100 ft....	Wt. 25 lbs....	42.50
13 ft. x 150 ft....	Wt. 38 lbs....	63.75

### VISQUEEN FILM COVERS

Lightweight covers made of polyethylene clear plastic of 4 gauge. Widely used with soil fumigants such as Dowfume MC-2 and for steam sterilizing where a lightweight cover is satisfactory. Wt. 2¾ ozs. per sq. yd.

10½ ft. wide. 100-ft. roll.....	\$30.00
13½ ft. wide. 100-ft. roll.....	35.00
16 ft. wide. 100-ft. roll.....	40.00



A typical bench being sterilized with an A. F. S. Special Heavy Plastic Cover.



# ALL BREEDS CHOICE SNAPDRAGONS

For Greenhouse Forcing—Carefully Selected

## F<sub>1</sub> HYBRID VARIETIES

*The increased vigor and uniformity of growth, plus the unusually long, well-formed spikes of large florets, make the Hybrids outstanding. They are early and come back for a second crop.*

PINK AND ROSE	Tr. Pkt.
Better Times (Windmill). Bright medium early, rose-red.	\$2.00
Chevy Chase Pink (Winkler). Bright pastel pink, early.	3.50
Christina (Yoder). Light second early pink.	3.50
Christmas Cheer (Windmill). Bright extra-early rose-pink.	3.00
Crusader (Yoder Bros.). Early brilliant rose-pink.	3.00
Dorcas Jane. Early brilliant rose-pink.	2.50
Gusto (Yoder Bros.). Early rose-pink.	3.00
Libby (Yoder). Dark rose-pink, very vigorous, second early.	3.50
Mary Ellen (Yoder). Popular second early light clear pink.	2.50
Maryland Pink Improved (Winkler). Improved strain of the popular pastel pink hybrid, early.	3.50
Mountain Pink (Pan-American). Clear early medium pink.	3.00
New Times (Pan-American). Bright rose-red, the very earliest	3.00
Pensive (Yoder Bros.). Early strong dark pink.	3.00
Pink Monarch. Rose-pink, midseason.	3.50
Pink Star (Yoder Bros.). Early, beautiful dark pink.	3.00
Pompey (Yoder Bros.). Early, a little deeper colored than Crusader.	3.00
Spartan Rose. Medium early, soft rose, well-placed florets.	3.00
Rosanna. Deep rose, early.	3.50
Star Charter. (Yoder Bros.). Rose-pink.	3.00
Top Flight. (Yoder Bros.). Light pink, earlier than Christina.	3.00
Trilbee Pink. (Windmill). Rich pastel pink, medium early.	3.50
Whirlaway (Yoder Bros.). Light pink, medium early.	3.00

BRONZE	Tr. Pkt.
Barbara (Yoder). Bright bronze, pink throat, second early.	\$3.50
Cavalcade (Yoder Bros.). Golden-bronze.	3.00
Gallant Fox (Yoder Bros.). Deep orange-bronze, a little earlier than Barbara.	3.00
Indian Summer (Pan-American). Medium bright bronze, early	3.00
Maryland Orange (Winkler). Orange-bronze, very large, early midseason.	3.50
Rockwood's Hybrid Bronze No. 25. Reddish-bronze, early.	3.50
Sun Briar (Yoder Bros.). Lively orange-bronze, medium early.	3.00

PINK AND ROSE	Tr. Pkt.
Adeline (Armstrong). Late rose-pink.	\$3.00
Cheviot Maid Reselected. Deep second early rose-pink.	1.00
Peggy Schumann. Medium deep pink, late.	2.00
Rockwood's Summer Pink No. 1. Medium pink.	3.00
St. Louis Pink (Rowe). Light pink, fine long spikes, late.	1.50

### WHITE

Snowdrift Improved (Pan-American). All-double pure white. Excellent spikes. An outstanding cut-flower. Midseason.  
Tr. Pkt. \$3.00

	Tr. Pkt.
Junglewood White. Very long stems, late.	\$2.00
Lucky Strike Improved. Medium early white, does not shatter.	1.50
Margaret (Yoder). Clean-growing medium early ivory-white, very popular.	2.00
Rockwood's Crystal White. Pure white, stems medium to tall, recommended for late spring and summer, only.	3.00
Schumann's White. Large close-flowering pure white head, will not shatter, late.	3.00
Tommy Armstrong. Excellent late pure white with long stems and spikes.	3.00

RED	Tr. Pkt.
Hybrid Red No. 7. Scarlet-crimson, early.	\$3.50
Maryland Red (Winkler). Early bright red, vigorous.	3.50
Navajo. Bright true red, medium early.	3.50
Priscilla Ann (Yoder). Rich medium early velvety crimson.	3.50
Red Wing (Pan-American). Deep early velvety red.	3.00
Rockwood's Hybrid Red No. 15. Dark early red-crimson.	3.50

### WHITE

	Tr. Pkt.
Apollo (Yoder Bros.). Ivory, early, more vigorous than Margaret.	\$3.00
Citation (Yoder Bros.). Ivory, very early, compact long spikes.	3.00
Jet Pilot (Yoder Bros.). Paper-white, very vigorous.	3.00
Maryland White (Winkler). Pure white, medium early.	3.50
Rockwood's Hybrid White No. 5. Fine for fall and early winter.	3.50
Snowman. Pure white, early.	3.50
Spartan White. Fine pure white, early.	3.00
Twenty Grand (Yoder Bros.). Ivory, fine keeper.	3.00

### YELLOW

	Tr. Pkt.
Day Star (Yoder Bros.). Very early, long spike.	\$3.00
Golden Spike. Deep golden-yellow, medium early.	3.50
Gold Mine (Pan-American). Deep golden-yellow, early.	3.00
Goldrush (Winkler). Golden-yellow, second early.	3.50
Patricia (Yoder). Deep yellow, medium early.	3.50
Rockwood's Hybrid Yellow No. 10. Deep yellow, for fall and early winter.	3.50
Seabiscuit (Yoder Bros.). Early, uniform, vigorous.	3.00
War Admiral (Yoder Bros.). Fine yellow.	3.00

### LAVENDER

	Tr. Pkt.
Bold Venture (Yoder Bros.). Rich lavender, early.	\$3.00
Lavender Lady. Deep rosy-lavender, for late winter and spring.	3.50

## SELF-POLLINATED VARIETIES

PINK AND ROSE	Tr. Pkt.
Adeline (Armstrong). Late rose-pink.	\$3.00
Cheviot Maid Reselected. Deep second early rose-pink.	1.00
Peggy Schumann. Medium deep pink, late.	2.00
Rockwood's Summer Pink No. 1. Medium pink.	3.00
St. Louis Pink (Rowe). Light pink, fine long spikes, late.	1.50

### WHITE

Snowdrift Improved (Pan-American). All-double pure white. Excellent spikes. An outstanding cut-flower. Midseason.  
Tr. Pkt. \$3.00

	Tr. Pkt.
Junglewood White. Very long stems, late.	\$2.00
Lucky Strike Improved. Medium early white, does not shatter.	1.50
Margaret (Yoder). Clean-growing medium early ivory-white, very popular.	2.00
Rockwood's Crystal White. Pure white, stems medium to tall, recommended for late spring and summer, only.	3.00
Schumann's White. Large close-flowering pure white head, will not shatter, late.	3.00
Tommy Armstrong. Excellent late pure white with long stems and spikes.	3.00

### BRONZE

	Tr. Pkt.
Afterglow. Golden-bronze, medium early.	\$1.00
Lady Dorothy. Early, glowing reddish-bronze.	3.00

### YELLOW

	Tr. Pkt.
Ethel. Bright medium yellow, very popular, medium early.	\$1.50
Rockwood's Summer Yellow. Deep yellow.	3.00
Yellow Peggy Schumann. Late.	2.00

### LAVENDER

	Tr. Pkt.
Rockwood's Lavender Rose. Popular for summer.	\$3.00
Schumann's Lavender. An excellent spring-flowering variety.	2.00
Windmill's Lilac. A medium early orchid of top quality.	2.00
Witterstaetter's Orchid. Rich orchid, late.	2.50

### RED

	Tr. Pkt.
Rockwood's Summer Red. For late spring and summer.	\$3.00
Schumann's Velvet Red. Dark red velvet, late.	3.00
Shisler's Red. True, brilliant wine-red, second early.	2.00

### MIXTURE

	Tr. Pkt.
A. B. C. Forcing Mixed. A special mixture of all varieties.	75c



# ALL BREEDS CHOICE BEGONIAS—FIBROUS-ROOTED

The most excellent Begonias from Germany, many of them gold medal winners. Originator's seeds.

## EXTRA-DWARF, 5 TO 6 INS. HIGH.

**Thousand Wonders Pink (Tausendschoen)** (F<sub>1</sub> Hybrid). Profusion of centifolium rose flowers, compact, dense and uniform, leader in European gardens and markets. Tr. Pkt. .... \$1.50

**Rosy Red** (F<sub>1</sub> Hybrid). Good counterpart to Thousand Wonders, striking color, sun- and rain-proof. Tr. Pkt. .... \$1.50

**Sleeping Beauty** (F<sub>1</sub> Hybrid). (New.) Darker shade than Rosy Red. Specially hardy in adverse conditions. Tr. Pkt. .... \$1.50

**Thousand Wonders Red (Rote Tausendschoen)** (F<sub>1</sub> Hybrid). Deep red partner to Thousand Wonders Pink. Tr. Pkt. .... \$1.50

**Witch.** Light scarlet, early floriferous with brilliant, large flowers.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$3.00 1/32 oz. .... \$5.50

## MEDIUM, 8 TO 11 INS. HIGH.

**Pink Profusion** (F<sub>1</sub> Hybrid). La France-rose with rosy-purple buds, compact, very rich bloomer.

Tr. Pkt. .... \$1.50 1/64 oz. .... \$3.25 1/32 oz. .... \$6.00

**Jubilee** (F<sub>1</sub> Hybrid). Dazzling scarlet with copper gleam, rich branching.

Tr. Pkt. .... \$1.50 1/64 oz. .... \$3.00 1/32 oz. .... \$5.50

**Radio** (F<sub>1</sub> Hybrid). Fine carmine-scarlet.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.00

**Helena.** Carmine-scarlet.

Tr. Pkt. .... \$1.50

**Snow** (F<sub>1</sub> Hybrid). Pure white medium-size flowers show up well against the rosy stems and light green leaves.

Tr. Pkt. .... \$1.50

**White Bedding Queen.** Largest white flower, light green foliage.

Tr. Pkt. .... \$1.00 1/64 oz. .... \$1.50 1/32 oz. .... \$2.50



*Begonia Thousand Wonders  
Pink and Red  
(Tausendschoen)*



*Begonia Rex*

## EXTRA-DWARF, 5 TO 6 INS. HIGH.

**Dwarf Carmen.** Bright pink flowers, fine contrasting bronze foliage.

Tr. Pkt. .... \$1.50 1/64 oz. .... \$3.50 1/32 oz. .... \$6.50

**Dwarf Luminosa.** Brilliant scarlet. Very free-flowering.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$3.25 1/32 oz. .... \$6.00

## DWARF, 6 TO 8 INS. HIGH.

**Adeline (Improved Darling).** Bright pink flowers, dwarf, compact habit and green foliage.

Tr. Pkt. .... \$1.30 1/64 oz. .... \$2.80 1/32 oz. .... \$5.00

**Ball Red** (We prefer Witch).

**Glow (Improved Fire Sea).** Dark red, bronze foliage. Tr. Pkt. .... \$1.25

**King of the Reds.** Glowing bright red flowers borne on compact plants make it outstanding.

Tr. Pkt. .... \$1.20 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

**Pink Pearl** (We prefer Thousand Wonders Pink).

**Red Pearl** (We prefer Thousand Wonders Red).

**Snowbank.** Large, pure white flowers. Compact, uniform plant habit.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

**A. B. C. Choice Mixture of Dwarf Varieties.**

Tr. Pkt. .... \$1.00 1/64 oz. .... \$2.50 1/32 oz. .... \$4.50

## MEDIUM, 9 TO 11 INS. HIGH.

**Carmen.** Bright pink flowers, with richly contrasting bronze foliage.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.40 1/32 oz. .... \$5.00

**Indian Maid.** Bright deep scarlet flowers, with deep bronze foliage.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

**Luminosa.** Deep scarlet, with reddish-brown foliage. One of the best sellers.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$3.20 1/32 oz. .... \$5.50

**Scandinavia.** A very free-flowering type, with bushy habit, which makes it ideal for pot plants as well as bedding and for use in combinations.

	Red	Pink	White	Mixed
Tr. Pkt. ....	\$1.25	1/64 oz. ....	\$3.00	1/32 oz. ....
				\$5.00

**White Pearl.** Pure white, large flowers; green foliage.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.70 1/32 oz. .... \$5.00

**A. B. C. Choice Mixture of Medium High Varieties.**

Tr. Pkt. .... \$1.00 1/64 oz. .... \$2.50 1/32 oz. .... \$4.50

## TALL, 12 TO 14 INS. HIGH.

**A. B. C. Masterpiece.** A lovely clear rose-pink Begonia and the most outstanding in this color class. The large-size blooms are produced so abundantly that the foliage is really overshadowed.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.50 1/32 oz. .... \$4.40

**Christmas Cheer.** Extra large flowered crimson-scarlet.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.00 1/32 oz. .... \$3.50

**A. B. C. Mixed.** Choice blend of all varieties.

Tr. Pkt. .... \$1.00 1/64 oz. .... \$1.75 1/32 oz. .... \$3.00 1/16 oz. .... \$5.00

## BEGONIAS—TUBEROUS-ROOTED

**Double Mixed.** Tr. Pkt. .... \$2.75

**Multiflora Home** (F<sub>1</sub> Hybrid). Covered with medium-size radiant salmon-orange blooms. As they are carried well above the foliage, the mass of color is strikingly beautiful. They can withstand the heat better than other Begonias. Originator's seeds. Tr. Pkt. .... \$2.00

## BEGONIA REX

Fine hybrid mixture of these richly colored ornamental-leaved Begonias. Originator's seeds. Tr. Pkt. .... \$2.00



# ALL BREEDS CHOICE FLOWER SEEDS

## CALCEOLARIA

**Ruby Queen.** Bright red, medium-size flowers on vigorous plants make this splendid hybrid an excellent pot plant.

Tr. Pkt. .... \$1.25 1/128 oz. .... \$2.60

**A. B. C. Multiflora Nana Mixture.** Dwarf, compact growth. Medium-size brightly colored flowers. A great favorite with the trade.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$5.00 1/32 oz. .... \$9.00

**Triumph Mixed.** A special florists' selection. Medium dwarf in growth, producing an exceptional assortment of colors and shades.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

**A. B. C. Tigered Hybrids.** Large, beautifully tigered flowers in shades of bronze, yellow and red. Dwarf, compact plants are very uniform.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$3.50 1/32 oz. .... \$6.00

**Cloth of Gold.** Golden-yellow, medium large flowers. Very showy and free-flowering.

Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

**Flower Cloud.** Small flowers in shades of bronze, orange and yellow are borne freely on large heads. Plants are bushy.

Tr. Pkt. .... \$1.50 1/128 oz. .... \$3.50

## CALENDULA — FORCING VARIETIES

Plan for the main crop to come in late December and January. For this crop seeds are usually sown late in July in northern greenhouses. An early fall sowing will provide a fine crop in February and March.

**A. B. C. Improved Sensation (Campfire).** One of the best Calendulas for cut-flower purposes. Flowers very large, deep orange with scarlet sheen, light center.

**Apricot.** Rich apricot or straw color, with a finely contrasting brown center. Inclined to produce orange petals with the apricot occasionally.

**Gold.** Deep golden-yellow, long-stemmed large flower with light center. Stem, size and color in this are outstanding.

**Improved Long Orange.** The largest-flowered and longest-stemmed Calendula. Clear bright orange with light eye.

**Lemon Queen.** Clear medium deep yellow with a dark brown center.

**Masterpiece.** Clear rich orange with an attractively contrasting dark brown center. Extra-long stems.

Tr. Pkt. .... 40c 1/4 oz. .... 70c Oz. .... \$2.40

**A. B. C. Special Forcing Mixed.**

Tr. Pkt. .... 40c 1/4 oz. .... 60c Oz. .... \$1.80

## A. B. C. CINERARIA

For excellent flowering plants in January sow seeds in June. A September sowing will flower March to April; use sterilized soil.

**WIESMOOR DARK BLUE.** New. Quite base and extremely free-branching with an unrivaled richness of flowers. Gold and silver medals, Hamburg and Hanover. Originator's strain.

1/2 Tr. Pkt. .... \$1.50 Tr. Pkt. .... \$3.00

**ERFURT DWARF.** New. Last perfection of Cinerarias. Only 8 ins. tall and 10 to 12 ins. in diameter, for small pots. Gold medal exhibition Hanover, 1951. Originator's strain.

**MATADOR.** Deep copper-scarlet. **PANDORA.** Rosy-red.

Each of the two

1/2 Tr. Pkt. .... \$1.75 Tr. Pkt. .... \$3.00 1/64 oz. .... \$4.50 1/32 oz. .... \$7.50

**Finest Mixed.** Best color balance, including many unusual ones.

Tr. Pkt. .... \$1.50 1/64 oz. .... \$2.50 1/32 oz. .... \$3.75

**MAMMOTH.** New. Giant-flowered, semitall, compact plants. Very rich mixture. Outstanding novelty.

500 seeds .... \$1.75 1,000 seeds .... \$3.00

**A. B. C. DE LUXE MIXTURE.** A good assortment containing select strains of Cremer's Prize and Siter's Rainbow.

Tr. Pkt. .... \$1.50 1/64 oz. .... \$2.50 1/32 oz. .... \$4.75 1/16 oz. .... \$8.50

**CREMER'S IMPROVED PRIZE STRAIN.** One of the best known florists' strains. All quantities in originator's packets.

Tr. Pkt. (1000 seeds) .... \$1.75 1/64 oz. .... \$2.50

1/32 oz. .... \$4.50 1/16 oz. .... \$8.25 1/8 oz. .... \$15.50

**SITER'S RAINBOW STRAIN.** Immense heads of medium large flowers ranging from bright-eyed types to pastel shades. Compact.

Tr. Pkt. .... \$2.00 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00 1/16 oz. .... \$9.00

**GOLD CENTER.** Golden-yellow stamens contrast with the bright petals to make this Multiflora Nana selection distinctively different.

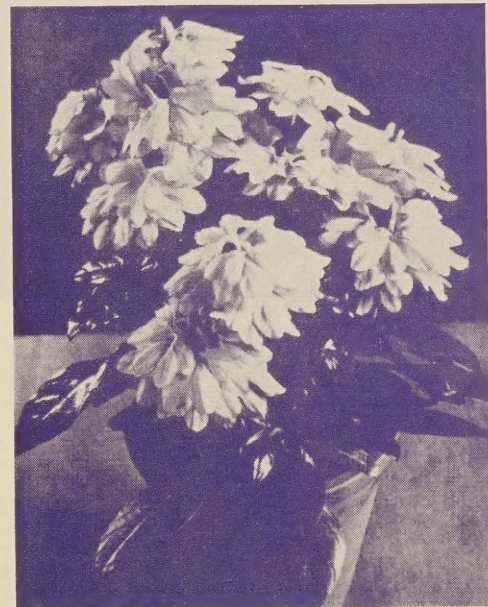
Tr. Pkt. .... \$1.25 1/64 oz. .... \$2.25 1/32 oz. .... \$4.00

**MULTIFLORA NANA MIXED.** A very dwarf small-flowered strain of exceptional merit.

Tr. Pkt. .... \$1.00 1/32 oz. .... \$3.00



*Cineraria Erfurt Dwarf*  
Last Perfection of Cineraria  
Gold Medal Strain



*Crossandra Undulifolia*

## CROSSANDRA UNDULIFOLIA

An exquisitely attractive pot plant, easy to grow, beginning to show its shining orange-salmon flowers at a quite early stage. The foliage is well shaped, glossy dark green. Crossandra flowers throughout the summer without special care. It can be sown any time, but needs much warmth.

50 seeds .. \$2.50 100 seeds .. \$4.50 200 seeds .. \$8.00

**MAXIMA NANA.** Includes every desirable shade in pinks, reds, blues, in delicate pastel tints to solid bright shades and beautiful eyed types. Good medium size.

Tr. Pkt. .... \$1.75 1/64 oz. .... \$2.75 1/32 oz. .... \$5.00

**BERLIN MARKET MIXED (Weissensee).** A white-eyed Improved German strain with dwarf growth and medium flower head.

Tr. Pkt. .... \$1.00 1/64 oz. .... \$2.00 1/32 oz. .... \$3.75

**A. B. C. PRIZE HYBRIDA GRANDIFLORA.** The world's best strain of the large-flowering type.

**Blue Shades** **Crimson** **Salmon Shades** **Pure White**

Tr. Pkt. .... \$1.00 1/64 oz. .... \$2.75

**Prize Mixture.**

Tr. Pkt. .... \$1.00 1/64 oz. .... \$2.50





All Breeds Choice Cyclamen

**FUCHSIA**

Finest Mixed. Choice collection of single and double types.

250 seeds...\$3.30 500 seeds...\$5.50 1000 seeds...\$10.00

**IMPATIENS**

Provide splendid pot plants for Christmas sales. Also useful for porch boxes and bedding if given partial shade. Our seeds are imported from a European specialist.

**Holstii Glow in Shadow. New.** Dark carmine-scarlet, very dwarf, beautiful. Tr. Pkt., \$1.25.

**Holstii Hybrids Mixed.** A fine mixture of the best colors.

Tr. Pkt. .... 50c 1/32 oz. .... 65c 1/16 oz. .... \$1.15

**Sultani Hybrids Mixed.**

Tr. Pkt. .... 50c 1/32 oz. .... 65c 1/16 oz. .... \$1.15

**Sultani Nana Beauty of Klettgau. Novelty.** Very dwarf, even, broad habit, abundant scarlet flowers. Tr. Pkt., \$1.00.

**Sultani Dwarf Mixed.** A fine range of bright colors. Very dwarf.

Tr. Pkt. .... \$1.25 1/32 oz. .... \$2.00 1/16 oz. .... \$3.50

**MARIGOLD****All-Double Orange.** An exceptionally fine cut flower with long stiff stems. Color is brilliant orange.**All-Double Lemon.** Has the same large ball-shaped flowers as the above, but they are light yellow in color.**All-Double Mixed.** A fine blend of the above two varieties with some varying shades of lemon and orange.

Tr. Pkt. .... 30c 1/4 oz. .... 60c Oz. .... \$1.65 4 oz. .... \$5.25

**Lieb's Winter-Flowering.** Golden-crested center with mahogany petals.

Tr. Pkt. .... 30c 1/4 oz. .... 65c Oz. .... \$2.10

**Winter Harmony.** Orange-crested center with reddish-brown petals.

Tr. Pkt. .... 30c 1/4 oz. .... 55c Oz. .... \$1.80

**Colorado Sunshine. New.** Bright luminous yellow, carnation-flowered. Very uniform.

Tr. Pkt. .... 50c 1/4 oz. .... \$1.50 Oz. .... \$4.50

**A. B. C. CYCLAMEN****Supreme Quality Seeds**

We offer the best strains of leading specialists. Should you prefer a special grower in America or Europe we will gladly procure his seed for you.

	Per 100	Per 1000
America Improved. Salmon-scarlet.....	\$2.50	\$22.00
Baardse's Wonder. Salmon with white border.....	2.40	21.00
Bonfire (Vuurbaak). Brilliant salmon-scarlet.....	2.50	22.00
Carmine Salmoneum. Fiery-salmon.....	2.50	22.00
Cattleya. Lilac.....	1.90	17.50
Dark Red.....	1.90	17.50
Daybreak. Light salmon-rose.....	2.40	19.50
Glowing Bright Red.....	1.90	17.50
Lavender.....	1.90	17.50
Light Red.....	1.90	17.50
Mozart. Deep pink.....	2.50	22.00
Orange Beauty. Orange-vermilion.....	2.30	21.00
Perle of Zehlendorf (Glory of Wandsbek)		
Dark salmon-pink.....	2.40	20.00
Pink Pearl. Salmon-pink.....	2.50	22.00
Pure White.....	1.90	17.50
Rose of Aalsmeer. Bright deep rose.....	1.90	17.50
Rose of Marienthal. Soft rose with carmine eye.....	1.90	17.50
Rose of Zehlendorf. Light salmon-pink.....	2.40	20.00
Roseum. Lilac-pink.....	2.20	19.00
Ruffled Lavender.....	2.50	22.00
Ruffled Salmon.....	2.50	22.00
Ruffled White.....	2.50	22.00
Ruffled Mixed.....	2.50	22.00
Saffron Red.....	2.50	22.00
Saffron Red Silver Edged.....	2.50	22.00
Salmoneum Oculatum. Pale pink with carmine eye.....	2.20	19.00
Sylphide. Soft lilac.....	2.20	19.00
White with Carmine Eye.....	1.90	17.50
A. B. C. Special Mixed.....	1.90	17.50
Rococo Grandiflora. Bright mixture.....	2.30	19.50

250 of a Variety at 1000 Rate. Less 5% on orders for  
10,000 to 25,000 seeds; less 10% on over 25,000 seeds.

**VOGT'S DOUBLE-FLOWERED CYCLAMEN**

The huge double flowers composed of 10 to 16 petals are very showy and are borne well above beautiful foliage. Excellent for pot plants. Try using double cyclamen blooms for unusual corsages.

**Admiration.** Salmon-rose with shaded eye.**Rosea.** Soft rose with coral cast.**Prosperity.** Flaming rich rose.**Cerise Brilliant.** Rich cerise-red.**Vogt's Special Mixed.**

100 seeds.....\$3.75

500 seeds.....\$14.50

250 seeds.....7.75

1000 seeds.....25.50

**GYPSOPHILA (Baby's Breath)**

Free-blooming plants of easiest culture. Desirable for cutting to mix with other flowers. Several plantings can be made during the season at intervals of 10 days, in order to have a succession of bloom.

**ELEGANS****Covent Garden Market.** Extra large flowered, full-petaled, flowers having 6 to 8 petals instead of the usual 4 or 5.

Oz. .... 30c 4 oz. .... 85c Lb. .... \$2.50 5 lbs. .... \$10.00

**Carminea.** Bright carmine-pink

Tr. Pkt. .... 20c Oz. .... \$1.30

**Rosea.** Delicate pink

Tr. Pkt. .... 20c Oz. .... \$1.30



## ALL BREEDS CHOICE FLOWER SEEDS

# LARKSPUR

In northern states an outdoor sowing in early September will give the best blooms in the spring. The base-branching types are the best for cutting.

### REGAL

Very long spikes of huge well-spaced florets make this new strain of Florist's Market Larkspur distinctive. Some flowering trials proved this strain to be superior.

Dark Blue	Rose
Lilac	White
Pink	Regal Mixed

Tr. Pkt...40c 1/4 oz...60c Oz...\$1.80 4 oz...\$6.00 Lb...\$18.00

### SUPREME

A new base-branching strain with a tremendous main flower spike formed by many fully double large flowers with broad petals closely spaced on the stem. Outstanding new colors.

Dark Blue. Rich violet-purple.	Rose. Pure, deep rose..
Light Blue. New. Beautiful long spikes.	Salmon. A true strong shade.
Lilac. Clear lilac.	White. A truly pure white.
Pink. Clear pink.	Supreme Mixture.

Tr. Pkt...40c 1/2 oz...\$1.00 Oz...\$1.80 4 oz...\$6.00 Lb...\$18.00

### GIANT HYACINTH-FLOWERED

Non-branching, 45 ins., much earlier than the other tall Larkspurs.

Indigo	Light Violet	Purple	Rose	White	Mixed
Tr. Pkt....50c	1/4 oz....\$1.00	1/2 oz....\$1.75	Oz....\$3.00		



You'll find the new types of Base-Branching Larkspur the best.

### IMPERIAL OR BASE-BRANCHING

The standard strain. We list only the most called for varieties.

Blue Bell. Azure-blue.	Lilac King. Extra-fine lilac shade.
Brilliant Rose.	Pink Perfection. Soft pink.
Carmine King Improved. Bright carmine-rose.	Pink King. Salmon-rose.
Dazzler. Carmine.	Sweet Lavender. Lavender-blue.
Exquisite Pink.	White King. The best clear white.
Gloria Improved. Bright rose-pink	Finest Mixed.
Tr. Pkt.....30c 1/2 oz.....90c Oz.....\$1.60	
4 oz.....\$5.25 Lb.....\$16.00	

# A. B. C. PRIMULA

### PRIMULA OBCONICA

A sowing in June or September/October will make choice pot plants for early and late spring.

**Red Giants Benary's Strain.** New. Brilliant light red. New giant-flowered Primula of great merit. Original German strain.

Tr. Pkt. ....\$1.30 1/64 oz....\$3.00 1/32 oz....\$5.50

**Wyaston Wonder.** Bright crimson.

Tr. Pkt....\$1.30 1/64 oz....\$3.00 1/32 oz....\$5.50

**Better Days.** Deep carmine-red.

**Mohnstein's Dark Red.**

**Coerulea.** Clear blue.

**Mueller's Rose.** Pure rose, choice.

**Fasbender.** Rich deep red.

**Snowstorm.** Pure white.

**Choice Colors Mixed.**

Tr. Pkt....\$1.30 1/64 oz....\$2.50 1/32 oz....\$4.75

### PRIMULA CHINENSIS

**Cardinal.** New. Outstanding improvement on Dazzler, brilliant vermilion. Originator's strain.

Tr. Pkt.....\$1.50 1/64 oz.....\$5.00

**Olympia Hybrids.** New. Rich mixture of best colors, giant flowers. Originator's strain.

Tr. Pkt.....\$1.25 1/64 oz.....\$2.50

For better germination put Primula seeds in a refrigerator for a week or 10 days.

Sow seeds in May or June in light sandy soil for fine plants for St. Valentine's day and spring sales. Light, air and low temperature are the main things to check carefully. Do not let the plants get too dry between waterings.

### PRIMULA MALACOIDES

**Margarete Lutz.** New. Covered with ruby red-violet flowers, opening simultaneously. Originator's imported seeds.

**Glory of Riverside Improved.** An excellent variety with beautiful salmon-rose flowers.

**White Giant Improved.** Pure white, large flowers and heavy stems.

**New Giant Salmon Rose.** Extremely large-flowered, salmon-rose; robust plants.

**Brilliancy Improved.** Flowers open lavender, turn to dark velvety red.

**Mrs. Eriksson of Riverside.** Large flowers of deep rose-red on compact plants of medium height.

**Lavender Improved.** Bright orchid-lavender, an improved Rosea Superba.

**Mixture.** Our own balanced formula mixture.

Prices of above:

Tr. Pkt.....\$1.25 1/64 oz.....\$2.75 1/32 oz.....\$5.00



# A. B. C. PANSIES

## The Mixtures Every Florist Should Use

**A. B. C. De Luxe Mixture.** The finest strain of fancy Pansies composed of hand-picked seeds from individual plants, selected for the largest-size flowers in the richest and most varied colors, including beautiful shades of red. The De Luxe Mixture will bring you top prices in spring plant sales and produces excellent cut flowers as well.

Tr. Pkt.....75c    1/8 oz.....\$1.75    1/4 oz.....\$3.00  
Oz.....\$10.00    4 oz.....\$35.00

**Steele's Jumbo Mixture.** Flowers up to 5 ins. in diameter. Many new and unique colors. Fine form, heavy substance, long strong stems, very early. Originator's seed.

Tr. Pkt.....\$1.00    1/8 oz.....\$3.35    1/4 oz.....\$5.60    Oz.....\$17.75

**Benary's Early Orchid-Flowering Giants.** New. Latest perfection in European breeds. Waved giant blooms in orchid colors. Extra-early. Originator's seed.

Tr. Pkt.....75c    1/8 oz.....\$1.85    1/4 oz.....\$3.30    Oz.....\$11.00

**A. B. C. Super Swiss Giants.** Noted for the size of blooms and excellent texture. Selected for their distinctive markings, many blooms are attractively ruffled.

Tr. Pkt.....75c    1/4 oz.....\$3.00    Oz.....\$10.00

**A. B. C. Super Maple Leaf Giants (Canadian Giants).** The sturdy plants have large flowers in radiant colors, especially blue with yellow, white and black.

Tr. Pkt.....75c    1/4 oz.....\$3.30    1/2 oz.....\$6.00    Oz.....\$11.00

**Steele's Butterfly Hybrids.** Ruffled flowers in the most unusual pastel shades. Superb substance. Originator's seed.

Tr. Pkt.....\$1.00    1/16 oz.....\$2.00    1/8 oz.....\$3.35    1/4 oz.....\$5.60

**Engelmann's Giant Mixture.** An early-flowering strain of Giant Pansy. The growth is very compact. Grown from originator's seeds.

Tr. Pkt.....60c    1/4 oz.....\$3.00    1/2 oz.....\$5.50    Oz.....\$10.00

**Maple Leaf Giants.** One of the largest-flowering strains of Giant Pansies.

Tr. Pkt.....65c    1/4 oz.....\$3.00    1/2 oz.....\$5.50    Oz.....\$10.00

**Geneva Giants.** Growers report that this strain has a fine selection of rich colors. Compact in habit of growth.

Tr. Pkt.....85c    1/4 oz.....\$3.00    Oz.....\$10.00

**Oregon Giants.** Immense ruffled blooms produced on long, strong stems with luxuriant foliage. Wide range of colors. Delicately fragrant.

Tr. Pkt.....85c    1/4 oz.....\$3.50    1/2 oz.....\$6.00    Oz.....\$12.00

**Felix.** New. A strong-growing Pansy with a yellow penciled face and wide border of different colors.

Tr. Pkt.....\$1.00    1/8 oz.....\$2.20    1/4 oz.....\$4.00    Oz.....\$12.00

**America.** An extremely bright mixture, early-flowering and dwarf, with a good variety of colors. Especially desirable for basket sales.

Tr. Pkt.....65c    1/4 oz.....\$2.70    Oz.....\$10.00

**Dwarf Swiss Giants.** Choice Mixed. With dwarf, compact habit of growth.

Tr. Pkt.....65c    1/4 oz.....\$2.50    Oz.....\$9.00

## SWISS GIANT—Separate Sorts

**Alpenglow.** Rich wine shades with large dark blotch.

**Berna.** Dark velvety violet-blue, excellent quality.

**Coronation Gold.** Canary-yellow with lower petals flushed golden.

**Flame.** Dark bronze shades, very large-flowered.

**Giant Orange.** Pure bright orange.

**Lake of Thun (Ullswater, Thuner See).** A solid blue with dark blue blotches.

**Rheingold.** Canary-yellow with dark blotches.

**White (Mont Blanc).** The finest Giant pure white.

**Raspberry Rose.** Soft pink with deeper-colored blotches.

Tr. Pkt.....80c    1/4 oz.....\$3.00    Oz.....\$10.00



A. B. C. De Luxe Pansies

## LARGE-FLOWERING—Separate Colors

**Cardinal.** Bright scarlet.

**Emperor William.** Blue.

**Golden Queen.** Pure yellow.

**King of the Blacks**

Tr. Pkt.....35c

**Lord Beaconsfield.** Pure violet.

**Snow Queen.** Pure white.

**St. Knut.** Apricot, very choice.

**Choice Mixed.**

1/4 oz.....\$1.50    Oz.....\$5.00

## A. B. C. GIANT WINTER-FLOWERING

**Mixture.** Plants grow 2 1/2 to 3 1/2 ft. high, with 6 to 8 strong upright stems bearing numerous good-size blooms on flower stems 10 to 12 ins. long. The color range is excellent.

Tr. Pkt.....\$1.00    1/8 oz.....\$2.75    1/4 oz.....\$5.00

## SAINTPAULIA

**Ionantha Grandiflora.** The Usambara Violet. Charming deep blue flowers in profusion produced in uninterrupted succession. A favorite pot plant. Best new strain. Imported seeds. Tr. pkt.....\$1.50

## SCHIZANTHUS (Butterfly Flower)

	Tr. pkt.	1/8 oz.	1/4 oz.
<b>A. B. C. Giant-Flowered.</b> Showy plants, outstanding for color and size of flowers.....	85c	\$2.25	.....
<b>A. B. C. Bright Red.</b> Large-flowered.....	75c	2.25	\$4.00
<b>Mother's Favorite.</b> Pansy-flowered.....	50c	1.25	.....
<b>Dr. Badger's Improved Hybrids.</b> Large flowers in choice colors. Habit, medium dwarf.....	35c	.....	1.10
<b>A. B. C. Special Dwarf Mixed</b> .....	55c	1.75	.....
<b>Wisetonensis Mixed</b> .....	50c	1.35	2.35

## STREPTOCARPUS WIESMOOR HYBRIDS

These exceptional new Hybrids are the result of nearly 20 years of intensive breeding work. Resembling orchids, these noble blooms are fascinating and should be sensationally successful. They are far superior to the known varieties in the abundance of colors, in the form, size and number of flowers, and in the habit of plant.

Wiry and long-lasting cut-flowers are borne in profusion. Originator's imported seed.

Tr. Pkt....\$1.75    3 Tr. Pkts....\$4.75    5 Tr. Pkts....\$7.75



# All Breeds Choice Stocks

## A. B. C. GIANT COLUMN

### A SUPERIOR NON-BRANCHING STRAIN

The one enormous spike produced by this strictly non-branching type permits close planting and makes a most profitable greenhouse crop for spring cutting.

Our seeds are grown for us by specialists who through careful selection and special trials do everything possible to insure your getting a high percentage of doubles.

Make successive sowings for a continuous supply of fine spring cut flowers. Grow cool (below 60°) to prevent blindness.

**American Beauty.** Rich deep carmine-rose.

**Apricot No. 20.** Large-flowered creamy-buff.

**Avalanche.** Very fine new early white.

**Chamois Rose.** Rosy-buff.

**Dark Apricot.** Darker than No. 20 Apricot. Long stems.

**Dark Blue.** A rather deep lilac.

**Elk's Pride.** Deep blue.

**Gardenia Improved.** Purest white, long-spiked.

**Pink Giant.** Clear rose-pink. Long, stiff stems. Huge flower spikes.

**Purple Heart.** Bright purple. Long stems and large flowers.

**Rose Pink.**

**Ruby Improved.** Rich crimson-red.

**Shell Pink. New.** Delicately shaded blush tone. Early-blooming. Large florets. Fine under artificial light.

**Silvery Lilac.** Lilac-lavender.

**Supreme No. 22.** Bright silvery-pink.

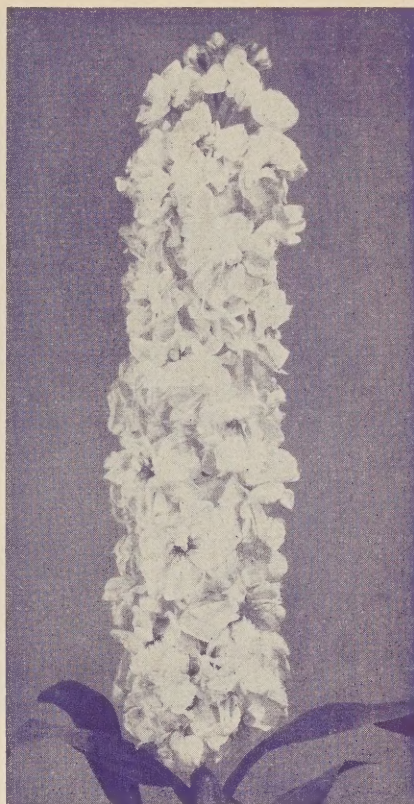
**White Giant.** Pure white with no green centers. Huge flower spike.

**White Improved No. 16.** Early long, compact spikes.

**Yellow Wonder.** Rich creamy-yellow.

**Mixed.** A special blend of all varieties.

1/2 Tr. Pkt. .... 70c Tr. Pkt. .... \$ 1.15  
1/4 oz. .... \$2.75 Oz. .... \$10.00



A. B. C. Giant Column Stocks

**Pacific Pink.** The first true pink Stock ever developed. Without lavender base. Extremely fine under artificial light. Superior to all similar strains.

1/2 Tr. Pkt. .... \$1.00 Tr. Pkt. .... \$1.75 1/8 oz. .... \$2.75 1/4 oz. .... \$5.00

1/2 oz. .... \$10.00 Oz. .... \$18.00

**Pacific White.** A vigorous new early white, with extremely well-spaced spikes. An all-purpose Stock for greenhouse and outdoor use.

1/2 Tr. Pkt. .... 90c Tr. Pkt. .... \$1.60 1/8 oz. .... \$2.50 1/4 oz. .... \$4.50

1/2 oz. .... \$8.25 Oz. .... \$15.00

## BRANCHING STOCKS

When planted almost as close as the non-branching type and topped when they are about 6 ins. high, they will produce many good spikes per plant almost as tall as the non-branching stocks.

### TRYSONIC GIANT IMPERIAL

A great achievement of finest breeding work. The seeds produce 85% doubles, and the weaker seedlings, which will bring singles, can be removed early.

Now you will be able to get 100% double Stocks.

Apricot	Azure-Blue	Bright Rose	Canary-Yellow	Chamois	Fiery-Red	Lilac-Lavender
		Navy-Blue	Salmon-Pink	White	Choice Mixed	
1/2 Tr. Pkt. .... \$1.00	Tr. Pkt. .... \$1.75	1/8 oz. .... \$2.75	1/4 oz. .... \$5.00	1/2 oz. .... \$10.00	Oz. .... \$18.00	

### IMPROVED BISMARCK (GIANT IMPERIAL)

Early large flowers on long stems make this type especially desirable for cutting whether the plants are grown in the greenhouse or outdoors. High percentage of doubles. 26 ins.

**Blood-Red.** Ruby color.

**Dark Blue.**

**Elk's Pride.** Rich purple.

**Flesh.** Delicate pink.

**Golden Ball.** Ivory-yellow.

**Lavender.** Clear lilac-lavender.

**Rose.** Fine bright rose.

**Shasta.** Giant white.

Tr. Pkt. .... 40c 1/4 oz. .... \$1.20 Oz. .... \$3.80

Finest Mixed. Tr. Pkt. .... 30c 1/4 oz. .... \$1.10 Oz. .... \$3.60

### GIANTS OF CALIFORNIA

Very early-flowering with a high percentage of double mammoth flowers, these have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately 2 1/2 to 3 ft.

**Golden Gate.** Golden-yellow.

**Mojave.** Rich velvety purple.

**Monterey.** Bright pink.

**Pacific.** Light blue.

**Redwoods.** Blood-red.

**Santa Barbara.** Chamois.

**Santa Maria.** Pure white.

**Sequoia.** Rich sparkling carmine.

### GIANTS OF CALIFORNIA (Continued)

**Tahoe, Lavender.**

Tr. Pkt. .... 40c

**Yosemite, Rose.**

1/4 oz. .... \$1.40 Oz. .... \$4.80

**Splendid Mixture.** Tr. Pkt. .... 30c 1/4 oz. .... \$1.25 Oz. .... \$4.25

### BEAUTY OF NICE

Compact like the Ten Weeks Stocks, but not quite so dwarf. Plants have a pyramidal-branching habit. Will flower in about 15 weeks from seed. 2 ft.

Finest Mixed. Tr. Pkt. .... 25c 1/4 oz. .... 65c Oz. .... \$2.35

### TEN WEEKS'

Dwarf, compact and early; used for bedding and pot plants. Come into bloom about 10 weeks after seeds are sown. 15 to 18 ins.

**Blood-Red**  
**Canary Yellow**

**Carmine-Pink**  
**Deep Rose**  
**Lavender**

**Purple**  
**White**

Tr. Pkt. .... 30c

1/4 oz. .... 65c

Oz. .... \$2.20

**Mixture.**

Tr. Pkt. .... 30c

1/4 oz. .... 60c

Oz. .... \$1.90



*Multiflora Sweet Peas***EARLY OR WINTER-FLOWERING**

We offer only those varieties which produce large well-formed flowers on good strong stems. An August 1st sowing should make Christmas while September sowings will flower from February on. For late spring cutting we suggest the Cuthbertson type.

**CERISE**

**Pride.** Brilliant pure, deep cerise, extra-long stems. Vigorous.

**ORANGE**

**Ball Orange Improved.** Early-flowering clear orange. Long stiff stems.

**Treasure Island.** Sparkling golden-orange. Large ruffled flowers.

**WHITE AND CREAM**

**Hope Improved.** An exceptionally good white, black-seeded.

**White Champion.** Pure white, long stems, white-seeded.

**White Harmony.** Longest-stemmed, black-seeded white.

Prices on above: Oz.....55c    4 oz.....\$1.65    Lb.....\$6.00  
Finest Mixed. A special blend of the better varieties. Oz.....50c    4 oz.....\$1.50    Lb.....\$5.50

**SPRING-FLOWERING (Cuthbertson)  
SWEET PEAS**

Unexcelled for spring forcing and outdoor culture.

The spring-flowering types give a much heavier crop of longer-stemmed flowers than the standard early-flowering types, but come into bloom a little later. Seeds should not be sown before October in the greenhouse for flowering during March, April and early May. Sown early outdoors they are superior to, and come into flower earlier than, the standard summer-flowering varieties.

**Alice.** New Blush salmon pink on light cream ground.

**Billy.** Bright cerise-rose on salmon.

**Carol.** Clear pink, white ground.

**Coline.** Scarlet.

**Danny.** Navy-blue.

**Doris.** Deep cherry-rose.

**Evelyn.** Salmon cream pink.

**Frank G.** Clear lavender.

**Hazel.** Light blue.

**Helen.** Blush-pink.

**Janet.** White, black-seeded.

**Jennie.** Pure white, white-seeded.

**Jessie.** Mauve.

**Lois.** Clear rose-pink.

**Tommy.** Clear marine-blue.

**Waneta.** New. Bright deep salmon.

Oz.....50c    4 oz.....\$1.50    Lb.....\$5.00

**A. B. C. FORMULA—MIXTURE.** A balanced blend of all colors.

Oz.....50c    4 oz.....\$1.50    Lb.....\$5.00

**A. B. C. SWEET PEAS****SALMON-PINK AND SALMON-ROSE**

**Boon.** Fine deep salmon-rose on cream.

**Daphne.** Soft salmon-pink on cream ground. Large flowers.

**Sequoia.** Extra large flowered golden salmon rose.

**Zvolanek's Salmon.** Giant-flowered, salmon-cerise.

**ROSE AND PINK**

**Ball Rose Improved.** Deep bright rose. Strong free-flowering habit.

**Bridesmaid.** Delightful silvery-pink. Extra-large flowers and long stems.

**Coquette.** Coral-pink with amber and salmon shading.

**Jeanne Mamitsch.** Clear rose. Long stems.

**Josie.** Clear rose-pink. Very productive. Requires more headroom.

**Laddie Improved.** Extra-long stiff-stemmed rose.

**Shirley Temple.** Soft rose-pink. Flowers are large and frilled.

**SCARLET AND MAROON**

**Bacchus.** Extra deep-red maroon with large flowers and good stems.

**Grenadier.** Intense poppy-scarlet.

**Redwood.** Deep crimson. Extra large flowered.

**Top Sergeant.** Deep blood-red crimson.

**LAVENDER AND PURPLE**

**Amethyst.** Rich bright purple. Large fragrant flowers.

**Frangene.** Fine lavender for spring flowering. Large ruffled flowers.

**Harmony.** Standard commercial lavender.

**Rhapsody.** Deep rosy-lavender. Flowers are extra-large.

**Triumph.** Soft lilac-mauve. Stems are long. Very popular.

**BLUE**

**Blue Danube.** Showy clear deep blue. An excellent color.

**Mrs. Hoover.** Early mid-blue. Strong-growing and fine for spring.

**Tahoe.** Dark blue. Deeper than Mrs. Hoover. Excellent for spring.

**ZVOLANEK EARLY MULTIFLORA  
SWEET PEAS**

These new Sweet Peas carry 5 and more flowers on exceptionally long sturdy stems. Very free-flowering, fine for greenhouse and outdoors.

**Lavender.** Giant-sized.

**Deep Rose.** A brilliant deep rose.

**Orange Cerise.** Beautiful color.

**Salmon Pink.** Extra-large flowers, lovely pink suffused with salmon.

**Whirlwind.** Appleblossom-pink. Fragrant, especially vigorous growth.

**Rose.** Fine clear rose-pink. Well formed large flowers.

**White.** A glistening clear white, flowers of impressive size.

**Choice Mixed.**

Each: 1/2 oz.....\$1.50    Oz. ....\$ 2.50

4 oz. .... 8.00    Lb. ....24.00



# A. B. C. Supreme Quality Hardy Perennial Seeds

Grow your Perennials in A. B. C. Plant Bands for better plants and bigger sales.

## ROCK GARDEN PERENNIALS

**Choice Blend.** Low-growing varieties of hardy perennials, including many rare kinds, growing well from seeds sown directly into the rock garden. Sell this seed to your customers. Don't miss this profitable chance.

Tr. Pkt.....	35c	1/4 oz.....	80c	Oz.....	\$2.50
1/4 lb.....	\$7.70	Lb.....	\$22.00		

## ACHILLEA (Milfoil, Yarrow)

**Parmica The Pearl.** One of the best hardy white perennials. Covered with heads of purest white double flowers from June until frost.

**Filipendula Parker's Variety (Basket of Gold).** Golden-yellow, long-stemmed. Excellent cut flower.

Tr. Pkt.....	30c	1/8 oz.....	70c	1/4 oz.....	\$1.25
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## ACONITUM (Monkshood, Helmetflower)

**Napellus.** Produces long spikes set with blue flowers. Seeds are of slow germination; 3 to 5 ft.

Tr. Pkt.....	30c	1/4 oz.....	95c
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## AGROSTEMMA

**Coronaria Atrosanguinea (Rose Campion).** Deep blood-red, 28 ins.

Tr. Pkt.....	20c	Oz.....	60c
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## ALYSSUM

**Saxatile Compactum (Gold Dust).** An indispensable plant for the rocky or border, growing 1 ft. high.

Tr. Pkt.....	25c	1/4 oz.....	40c	Oz.....	\$1.25
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## ANCHUSA

**Italica. Dropmore Variety.** Grows 3 to 5 ft. high; bears during May and June in abundance flowers of the richest Gentian-blue.

Tr. Pkt.....	25c	Oz.....	\$1.75
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**Myosotidiflora.** Forget-me-not blue, flowers April-May. Seeds should be refrigerated 72 hours before sowing.

Tr. Pkt.....	60c	1/8 oz.....	\$1.35	1/4 oz.....	\$2.50
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## ANEMONE (Windflower)

**St. Brigid.** An excellent mixture of double and semidouble blooms in a wide range of brilliant colors. Flower from May to June. 1 ft.

Tr. Pkt.....	60c	1/4 oz.....	90c	Oz.....	\$3.30
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## ANTHEMIS (Marguerite)

**Kelwayi.** A most satisfactory, hardy perennial bearing daisy-like lemon-yellow blossoms. Excellent for cutting. 2 ft.

Tr. Pkt.....	20c	Oz.....	70c
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## AQUILEGIA (Columbine)

**Alpina.** Rich blue. Short-spurred. 2 ft.

Tr. Pkt.....	40c	1/4 oz.....	85c	Oz.....	\$3.30
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**Chrysantha.** Golden-yellow. Long-spurred.

Tr. Pkt.....	40c	1/4 oz.....	85c	Oz.....	\$3.30
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**Chrysantha Silver Queen.** Silvery-white. Long-spurred. 2 ft.

Tr. Pkt.....	40c	1/4 oz.....	95c	Oz.....	\$3.60
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**Coerulea. (Rocky Mountain Columbine).** Violet-blue and white.

April to July. 1 1/2 to 2 ft.

Tr. Pkt.....	40c	1/4 oz.....	\$1.00	Oz.....	\$3.60
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**Crimson Star.** Long-spurred, rich crimson with white.

Tr. Pkt.....	60c	1/8 oz.....	\$1.75	1/4 oz.....	\$3.00
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**Formosa.** Hybrids. Long-spurred, carmine with yellow.

Tr. Pkt.....	40c	1/4 oz.....	\$1.10	Oz.....	\$3.80
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**Mrs. Scott Elliot Hybrids.** Long-spurred. Wide range of color.

Tr. Pkt.....	40c	1/4 oz.....	\$1.10	Oz.....	\$3.80
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**Rose Queen.** Rose with white corolla.

Tr. Pkt.....	40c	1/4 oz.....	\$1.10	Oz.....	\$3.80
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*Aquilegia Crimson Star, rich crimson with white*

## ARABIS (Rock Cress)

Showy dwarf spreading plants succeeding best in a sunny, well-drained location. Blooms in early spring. Excellent for edging and rock gardens.

**Snow Cap.** Compact dwarf cushions, covered with shining snow-white flowers. Excellent. 6 ins. Originator's imported seeds.

Tr. Pkt.....	50c	1/8 oz.....	70c	1/4 oz.....	\$1.25	Oz.....	\$4.75
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**Alpina.** Masses of white flowers. 8 to 12 ins.

Tr. Pkt.....	25c	1/4 oz.....	60c	Oz.....	\$1.85
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## ARMERIA (Sea Pink)

Plants with tufted growth and globe-shaped flowers borne well above the plants on stiff stems.

**Formosa.** Large-flowering hybrids. About 2 ft.

Tr. Pkt.....	40c	1/8 oz.....	80c	1/4 oz.....	\$1.35
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## ASTER

**Alpine Mixed.**

Tr. Pkt.....	50c	1/8 oz.....	\$1.00
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## AUBRIETA

Dwarf spreading plants which are covered with masses of flowers in April and May. 6 ins.

	Tr. Pkt.	1/8 oz.
Giant-Flowered Hybrids. Mixed.....	50c	\$1.00

## BAPTISIA

**Australis (False Indigo).** Racemes of indigo-blue. Pea-shaped flowers.

Tr. Pkt.....	25c	Oz.....	80c
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## BELLIS PERENNIS MONSTROSA

**Double English Daisy.** Very large double bright-colored flowers. They do best in moist, well-drained soil. 6 ins.

	Red.	Rose.	Snowball.	Mixed.			
Tr. Pkt...	60c	1/16 oz...	\$1.10	1/8 oz...	\$2.00	1/4 oz...	\$3.30

**Tubulosa Aetna.** Deep red, quilt rays.

Tr. Pkt.....	60c	1/4 oz.....	\$3.30
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# A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS



Shasta Daisy Diener's Giant Double White

## CAMPANULA (Biennial)

### CALYCANTHEMA (Cup-and-Saucer)

Similar to Single Canterbury Bells, but with a large calyx which is the same color as the cup-shaped corolla. Blooms in June. 2 ft.

Dark Blue	Lilac	Rose-Pink	White	Mixed
Tr. Pkt.....25c	1/4 oz.....60c	Oz.....\$1.70		

### MEDIUM SINGLE (Canterbury Bells)

Dark Blue	Lilac	Rose	White	Mixed
Tr. Pkt.....20c	1/4 oz.....30c	Oz.....90c		

### MEDIUM DOUBLE (Canterbury Bells)

Mixed.				
Tr. Pkt.....30c	1/4 oz.....80c	Oz.....\$2.80		

## CAMPANULA (Perennial)

**Carpatica (Harebell).** Glistening violet-blue cup-shaped blooms on slender stems. Quickly widening clump of leaves. 10 ins.

Tr. Pkt.....25c	1/8 oz.....85c	1/4 oz.....\$1.50
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### PERSICIFOLIA GRANDIFLORA (Peach Bells)

Bell-shaped flowers with peachlike leaves. Blooms from June to July. Fine stems for cutting. 2 ft.

Blue	White	Mixed
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**Telham Beauty.** Immense bell-shaped flowers of a pale China-blue, produced on long stems.

Tr. Pkt.....40c	1/8 oz.....\$1.00	1/4 oz.....\$1.85
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### PYRAMIDALIS (Chimney Bellflower)

Star-shaped flowers on tall plants which make good backgrounds. Blooms from August to September. 4 to 6 ft.

Blue	White	Mixed
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Tr. Pkt.....40c	1/8 oz.....\$1.00	1/4 oz.....\$1.85
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### ROTUNDIFOLIA (Bluebells of Scotland)

Graceful, drooping mid-blue, bell-shaped flowers on slender stems. 12 ins.

Tr. Pkt.....60c	1/8 oz.....\$1.15	1/4 oz.....\$2.75
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## CARNATION

**GRENAIDIN.** A hardy type which is excellent for cutting. 2 ft.

Black King. Dark red.	White. Snow-white.
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Cardinal. Scarlet.	Golden Sun. Golden-yellow.
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Triumph Pink. Rose-pink.	Mixed.
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Tr. Pkt.....60c	1/4 oz.....\$2.20	Oz.....\$6.60
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## CERASTIUM

**Tomentosum.** (Snow-in-Summer.) Foliage silvery-white; white flowers.

Tr. Pkt.....25c	1/4 oz.....60c	Oz.....\$2.00
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## CHEIRANTHUS (Wallflower)

**Allioni.** Brilliant orange. 12 ins.

Tr. Pkt.....20c	Oz.....50c	4 oz.....\$1.35
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**Golden Bedder.** Golden-yellow.

Tr. Pkt.....20c	1/4 oz.....35c	Oz.....\$1.00
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## CLEMATIS RECTA

40 ins. Upright sprays of fragrant white flowers. Fine for borders, excellent cut-flowers.

Tr. Pkt.....50c	1/4 oz.....\$1.25	1/2 oz.....\$2.00
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Oz.....\$3.50	4 oz.....\$12.00
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## COREOPSIS (Perennial Calliopsis)

**Mayfield Giant.** Deep golden-yellow.

Tr. Pkt.....20c	1/4 oz.....30c	Oz.....85c
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**Double Sunburst.** Deep golden-yellow flowers.

Tr. Pkt.....25c	Oz.....\$1.20
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## DAISY, SHASTA

**Diener's Giant Double White.** Produces immense white flowers 4 and 5 ins. across. Blooming over a period of several months, the flowers are almost fully double when plants become thoroughly established.

Tr. Pkt.....60c	1/16 oz.....\$1.25	1/8 oz.....\$2.20
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**Alaska.** The popular standard Shasta Daisy. Best imported seed. 3 ft.

Tr. Pkt.....25c	1/4 oz.....40c	Oz.....\$1.20
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**Spring Marguerite.** The earliest of all.

Tr. Pkt.....25c	1/4 oz.....50c	Oz.....\$1.50
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## DIANTHUS (Hardy Pinks)

**BARBATUS (Sweet William)**

### SINGLE

**Dark Crimson.**

**Newport Pink.** Salmon.

**Giant White.**

**Scarlet Beauty.** Intense bright

**Holborn Glory.** Crimson, scarlet.

large white eye.

Mixed.

Tr. Pkt.....35c	1/4 oz.....80c	Oz.....\$2.50
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**Single Midget Mixed.** Lovely compact alpine plants 4 ins. tall in a wide range of colors. Perfect for perennial border and used by many as a pot plant.

Tr. Pkt.....60c	1/4 oz.....\$1.50	Oz.....\$4.80
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### DOUBLE

**Double Midget Mixed.** See description of single.

Tr. Pkt.....40c	1/4 oz.....\$1.00	Oz.....\$3.00
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### Mixed.

Tr. Pkt.....40c	1/4 oz.....80c	Oz.....\$2.90
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### SPECIES

**Rock Garden Species Mixed.** A special mixture containing varieties suitable for the rockery.

Tr. Pkt.....50c	1/8 oz.....\$1.00	1/4 oz.....\$1.75
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**Allwoodii Alpinus.** 8 ins. Shades of pink. Attractive little rock plant.

Tr. Pkt.....35c	1/8 oz.....\$1.00	1/4 oz.....\$1.75
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**Deltoides Brilliant.** 8 ins. Bright crimson-pink flowers, fine feathery foliage.

Tr. Pkt.....40c	1/8 oz.....90c	1/4 oz.....\$1.50
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**Deltoides Splendens.** 8 ins. Amaranth-purple. Charming bushes for the rock garden.

Tr. Pkt.....40c	1/8 oz.....90c	1/4 oz.....\$1.50
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### PLUMARIUS (Clove Pinks)

**Spring Beauty.** A wide color range of large carnation-like flowers of giant size. Fragrant.

Tr. Pkt.....50c	1/4 oz.....\$1.50	Oz.....\$5.00
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### Scoticus Double Special Florist Strain.

Self colors of various tints of pink, rose, salmon and white, and the combination of these colors with bright crimson zones. Free-flowing. 12 to 15-in. stems.

Tr. Pkt.....40c	1/4 oz.....\$1.75	Oz.....\$5.25
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### Single Mixed.

Tr. Pkt.....20c	1/4 oz.....50c	Oz.....\$1.50
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## DICENTRA

**Spectabilis. (Bleeding Heart).** An old favorite, always attractive. Can be forced. Tr. Pkt.....\$1.00

**Eximia (Plumed Bleeding Heart).** 12 ins.

Tr. Pkt.....40c	1/4 oz.....\$1.10	Oz.....\$3.90
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## DIGITALIS (Foxglove)

**Gloxiniaeflora.** Mixed spotted flowers.

Tr. Pkt.....25c	1/4 oz.....65c	Oz.....\$2.00
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**Shirley Mixed.**

Tr. Pkt.....30c	1/4 oz.....70c	Oz.....\$2.50
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# ALL BREEDS CHOICE DELPHINIUM

## THE NEW GIANT PACIFIC HYBRIDS

By far the best strain of Delphinium, it is absolutely necessary to every florist. It is comparatively resistant to mildew and practically all double. The huge florets in enormous spikes stand on thin tough stems and do not shatter.

**Astolat Series** (Vetterle & Reinelt). A new Giant Pacific Hybrid varying in color from pale, blush through lilac-pink to deep raspberry-rose. Large brown, fawn and black bees. Originator's seeds.

Tr. Pkt...\$2.25 1/8 oz...\$4.50 1/4 oz...\$8.00 Oz...\$24.00

**Black Knight Series.** Darkest of all. Flowers 2 1/2 to 3 ins., with heavy, velvety texture.

**Blue Bird Series.** A white bee on the clearest medium blue petals.

**Bluejay Series.** Same clear blue with black bee.

**Cameliard Series.** Lavender self with white bee; perfectly formed flowers, round and flat. Spikes are uniformly in balance.

**Galahad Series.** Finest white, 3-in. flowers; pyramidal spikes, Good branching habit, strong stems.

**Guinevere Series.** Light pink-lavender with white bee. Large spikes. Excellent branching habit.

**King Arthur Series.** Royal-violet with white bee. 2 1/2-in. flowers on thin woody stems with graceful foliage.

**Lancelot Series.** Clear lilac self, a rare color; white bee.

**Percival Series.** Glistening-white flowers with dark bees.

**Summer Skies.** Light blue with white bee. Flowers 2 to 2 1/2 ins. in diameter.

**A. B. C. Formula Blend.** Superior blending of the finest named series.

**Round Table Series.** A mixture of the originator's newest unnamed shades and types.

Tr. Pkt...\$1.50 1/8 oz...\$2.50 1/4 oz...\$4.50 Oz...\$15.50

## GIANT PACIFIC HYBRID SHADES

**Blue Shades.**

**Clear White.**

**Violet Shades.** White bees.

**Lavender Pastel Shades.** Lav-

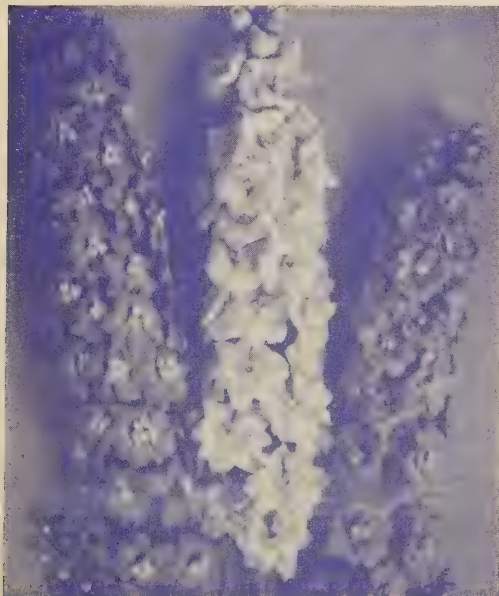
**ender shades, dark bee.**

**Mixture.** All colors.

Tr. Pkt...\$1.00 1/8 oz...\$2.00 1/4 oz...\$3.50 Oz...\$12.00



Giant Pacific Hybrids



Delphiniums are the most excellent flowers for cutting, bringing joyous splendor into every room

## BLACKMORE & LANGDON'S HYBRID MIXTURE

American-grown seed. Excellent strain.

Tr. Pkt...60c 1/4 oz...\$1.10 Oz...\$3.30 4 oz...\$11.00

## CHINENSIS

A useful cut flower and effective in mass plantings.

**Blue Mirror.** Bright navy-blue, spurless flowers. 15 ins.

Tr. Pkt...50c 1/4 oz...\$1.25 Oz...\$3.75

**Cambridge Blue.** Rich Belladonna-blue. 3 ft.

Tr. Pkt...35c 1/4 oz...75c Oz...\$2.50

## MISCELLANEOUS STRAINS

**Sapphire (New).** An excellent florists' item.

Tr. Pkt...75c 1/4 oz...\$2.50 Oz...\$7.50

**Belladonna Improved (Cliveden Beauty).** A very select strain of brilliant turquoise-blue.

**Bellamosum Improved.** A rich, deep blue.

Tr. Pkt...40c 1/4 oz...\$1.00  
Oz...\$3.25 4 oz...\$11.00 Lb...\$40.00

**Cardinale.** Scarlet flowers, yellow center.

Tr. Pkt...40c 1/4 oz...85c Oz...\$3.20

**Lamartine.** Fairly deep extra-bright marine-blue.

Tr. Pkt...50c 1/4 oz...\$1.40 Oz...\$4.85





*Gaillardia. Excellent for Cutting*

### ECHINOPS (Globe Thistle)

*Sphaerocephalus*. Light blue. Hardy anywhere. A quaint and attractive cut-flower.

Tr. Pkt. .... 35c    1/4 oz. .... \$1.00    Oz. .... \$3.00

### ERYNGIUM (Sea Holly)

*Bourgatii*. Excellent steel-blue thistle for cutting.

Tr. Pkt. .... 40c    1/4 oz. .... \$1.85

### EUPHORBIA

*Polychroma*. Bushy plants with splendid bright yellow bracts.

Tr. Pkt. .... 60c    1/16 oz. .... \$1.35

### FEVERFEW (see *Matricaria*)

#### GAILLARDIA

*Bremen*. Copper-scarlet with yellow-tipped petals. Long stems.

Tr. Pkt. .... 30c    1/4 oz. .... 75c    Oz. .... \$2.50

*Burgundy*. Shining wine-red, large excellent flowers.

Tr. Pkt. .... 35c    1/4 oz. .... 95c    Oz. .... \$3.50

*Dazzler*. Intense golden-yellow with maroon center. Preferred by florists. 3 ft.

Tr. Pkt. .... 25c    1/4 oz. .... 60c    Oz. .... \$1.85

*Goblin*. Bicolor red and gold, dwarf compact bushes.

Tr. Pkt. .... 30c    1/4 oz. .... 80c    Oz. .... \$2.75

*The King*. Giant-flowered strain, blooms gold and blood-red.

Tr. Pkt. .... 30c    1/4 oz. .... 60c    Oz. .... \$1.90

*Portola Hybrids*. Plants of strong, vigorous, upright habit. Red flowers, tipped golden-yellow. Strong stems. 2 1/2 to 3 ft.

Tr. Pkt. .... 30c    1/4 oz. .... 60c    Oz. .... \$1.95

### GEUM

*Lady Stratheden*. Large double flowers of rich golden yellow.

Tr. Pkt. .... 30c    1/4 oz. .... 90c    Oz. .... \$2.90

*Mrs. Bradshaw*. Large double scarlet.

Tr. Pkt. .... 30c    1/4 oz. .... 90c    Oz. .... \$2.90

### GYPSOPHILA (Baby's Breath)

**PANICULATA**. Fine mist-like flowers which make excellent filler for bouquets.

**Single**. Pure white. Tr. Pkt. .... 20c    Oz. .... 60c

**Double Snowflake**. Pure white.

Tr. Pkt. .... 50c    1/4 oz. .... \$1.35    Oz. .... \$4.75

**PACIFICA**. Small pink blooms borne profusely after the *Paniculata* varieties are past.

Tr. Pkt. .... 30c    1/4 oz. .... 90c    Oz. .... \$3.30

**REPENS**. Excellent for rock gardens or edging. 6 ins.

**White**. Tr. Pkt. .... 25c    1/4 oz. .... 75c    Oz. .... \$2.35

**Rosea**. Tr. Pkt. .... 30c    1/4 oz. .... 90c    Oz. .... \$3.40

## A.B.C. HARDY PERENNIAL and BIENNIAL SEEDS

### GERBERA

Excellent for pots or cut flowers (Greenhouse perennial). Fine single and duplex strain.

*Jamesoni Hybrids*. Mixed. 100 seeds. .70c    1000 seeds. \$5.50

### HELENIUM

Excellent cut flower.

**Hybridum Praecox Mixed**. Large-flowered, yellow, bronze and brown shades. 4 ft.

Tr. Pkt. .... 40c    1/8 oz. .... \$1.00    1/4 oz. .... \$1.75

**Hoopesii**. Golden-yellow. 2 1/2 ft.

Tr. Pkt. .... 35c    1/8 oz. .... 75c    1/4 oz. .... \$1.20

### HELIANTHEMUM

**Mutabile (Sun Rose)**. Dwarf bushes covered with blooms in many colors. Highly attractive for the rock garden.

Tr. Pkt. .... 25c    1/4 oz. .... 45c    Oz. .... \$1.50

### HELIOPSIS (Sun's Eye)

*Scabra Zinniaeflora*. Rich golden, half-double blooms of 2-in. diameter. Excellent for cutting.

Tr. Pkt. .... 40c    1/4 oz. .... 65c

### HEUCHERA (Coral-Bells)

Dainty bell-shaped flowers on slender stems are held well above the light green, slightly hairy leaves. 18 ins.

**Sanguinea Splendens**. Vermilion.

Tr. Pkt. .... 60c    1/16 oz. .... \$1.85

**Sanguinea Hybrids**. Mixed colors.

Tr. Pkt. .... 60c    1/16 oz. .... \$1.65

### HIBISCUS (Mallow Marvels)

A shrublike plant bearing huge single flowers in August and September. 4 ft.

**Giant Mixed**. Red, pink and white.

Tr. Pkt. .... 25c    1/4 oz. .... 50c    Oz. .... \$1.35

### HOLLYHOCK (*Althaea Rosea*)

#### DOUBLE STRAINS

**Chater's**. The popular double in separate colors.

**Bright Rose**    Lilac    Maroon    Newport Pink    Red    Crimson

**Salmon-Rose**    Scarlet    White    Yellow    Mixture

Tr. Pkt. .... 30c    1/4 oz. .... 55c    Oz. .... \$1.70

**Imperator Improved**. Very large double fringed blooms in delicate tints shading from pink to cerise-salmon. 5 to 6 ft.

Tr. Pkt. .... 35c    1/4 oz. .... 55c    Oz. .... \$1.85

**Triumph**. A mixture of rich colors. Large double flowers somewhat earlier and having a dwarfer, more branching habit than others. 4 to 5 ft.

Tr. Pkt. .... 35c    1/4 oz. .... 50c    Oz. .... \$1.65

**A. B. C. Special Mixture**. Very rich.

Tr. Pkt. .... 35c    1/4 oz. .... 55c    Oz. .... \$2.00

### IBERIS (Hardy Candytuft)

*Gibraltarica*. Lilac, shading white. Flowers large. Plants about 1 ft.

Tr. Pkt. .... 25c    1/4 oz. .... 50c    Oz. .... \$1.50

*Sempervirens*. The popular hardy white variety. 1 ft.

Tr. Pkt. .... 60c    1/4 oz. .... \$1.50    Oz. .... \$5.00

### LATHYRUS (Hardy Sweet Pea)

*Latifolius*. A showy, free-flowering climber for covering old stumps, fences, etc. Continually in bloom, fine for cutting.

**Crimson**    Pink Beauty    White Pearl    Mixture

Tr. Pkt. .... 30c    1/4 oz. .... 45c    Oz. .... \$1.50

### LIATRIS (Blazing Star, Gay-Feather)

*Pycnostachya*. Most showy and attractive with its long spikes of rosy-purple flowers from July to September. 5 ft.

Tr. Pkt. .... 35c    1/4 oz. .... 85c    Oz. .... \$2.75

*Scariosa*. Deep purple flowers on graceful stems 3 to 4 ft. high.

Tr. Pkt. .... 40c    1/4 oz. .... \$1.00    Oz. .... \$2.85

*Scariosa Alba*. Fine pure white, 2 1/2 ft., attractive cut flower.

*Scariosa September Glory*. Particularly valuable because it comes into flower all at once. September flowering on 6-ft. spikes.

Tr. Pkt. .... 60c    1/4 oz. .... \$1.80    Oz. .... \$6.00



# A.B.C. HARDY PERENNIAL and BIENNIAL SEEDS

## LILIUM

**Longiflorum Praecox White Queen.** One of the best Lilies grown from seed. Excellent for cutting and pots.

Tr. Pkt. .... \$1.25 1/8 oz. .... \$3.00

**Philippinense Formosanum.** Large, white, long-trumpet-shape flowers, like an Easter Lily. Very fragrant. 2 to 3 ft.

Tr. Pkt. .... 60c 1/4 oz. .... \$1.10 Oz. .... \$4.00

**Lilium Regale.** Easily grown from seeds, flower the second season.

Tr. Pkt. .... 25c 1/4 oz. .... 50c Oz. .... \$1.50

**Lilium Tenuifolium (Coral Lily).** Bears in profusion medium-size flowers of perfect form and of dazzling coral-red. May. 1 to 2 ft.

Tr. Pkt. .... 35c 1/4 oz. .... 85c Oz. .... \$3.00

## LINUM

**Perenne.** Attractive blue flowers produced on plants 2 1/2 ft. tall.

Tr. Pkt. .... 20c Oz. .... 60c

**Flavum Nanum Compactum.** Dwarf yellow continuous bloomer. 6 ins.

Tr. Pkt. .... 30c 1/4 oz. .... 80c

## LOBELIA

**Cardinalis (Cardinal Flower).** Fiery-red flowers. 3 ft. Tr. Pkt. .... 40c

## LUNARIA

**Biennis Alba (Honesty).** White flowers followed by silvery flat pods. Prized for winter bouquets.

Tr. Pkt. .... 25c 1/4 oz. .... 35c Oz. .... \$1.25

## LUPINUS (Polyphyllus)

Spike resembles a closely set, well-rounded column of Sweet Peas. Requires a well-drained location and thrives in cool climate.

**Russell Mixed.** A wide range of extraordinary colors, both selfs and bicolors. Tr. Pkt. .... 40c 1/4 oz. .... 70c Oz. .... \$2.20

**Albus.** Clear white spikes. Tr. Pkt. .... 20c 1/4 oz. .... 30c Oz. .... \$1.00

**Brilliantcy.** Bright red shades. Tr. Pkt. .... 30c 1/4 oz. .... 65c Oz. .... \$2.00

**Coeruleus.** Dark blue. Tr. Pkt. .... 20c 1/4 oz. .... 30c Oz. .... \$1.00

**A. B. C. Special Mixture.** New beautiful color effect, containing many rare shades. Excellent. Tr. Pkt. .... 40c 1/4 oz. .... 70c Oz. .... \$2.20

## LYCHNIS (Maltese Cross)

**Chalcedonica.** Bright fiery-scarlet flowers in June and July. 2 ft.

Tr. Pkt. .... 30c 1/4 oz. .... 50c Oz. .... \$1.60

## MATRICARIA (Feverfew)

**Double White.** This is the only double-flowering pure white strain of Feverfew from seeds. 18 ins.

Tr. Pkt. .... 40c 1/8 oz. .... \$1.10 1/4 oz. .... \$1.80 Oz. .... \$5.85

**Golden Ball.** Yellow. 8 ins. Tr. Pkt. .... 35c 1/4 oz. .... 75c Oz. .... \$2.50

## MYOSOTIS (Forget-Me-Not)

**Oblongata Blue Bird.** Large deep blue flowers 3 to 4 months after sowing. Also splendid for growing indoors during the winter. 12 ins.

Tr. Pkt. .... 40c 1/4 oz. .... \$1.00 Oz. .... \$3.30

**Alpestris Royal Blue.** Deep rich blue flower.

Tr. Pkt. .... 40c 1/4 oz. .... 85c Oz. .... \$3.00

**Alpestris Blue Basket.** Deepest blue, bushy plants.

Tr. Pkt. .... 40c 1/8 oz. .... 90c 1/4 oz. .... \$1.65 Oz. .... \$5.00

**Alpestris Victoria.** Blue, globular. Dwarf, compact plants.

Tr. Pkt. .... 40c 1/8 oz. .... 90c 1/4 oz. .... \$1.65 Oz. .... \$5.00

## PENSTEMON (Bearded Tongue)

**Giganteus Scarlet Queen.** Giant spikes of brilliant-colored flowers. Most attractive for bedding, fine cut-flower and very hardy.

Tr. Pkt. .... 40c 1/4 oz. .... \$1.50 Oz. .... \$5.25

**Hybrid Gloxinoides Mixed.** Careful selection of the choicest hybrids. 2 1/2 ft. Tr. Pkt. .... 35c 1/4 oz. .... \$1.25

## PHLOX

**Decussata.** Finest mixed. Seed should be refrigerated.

Tr. Pkt. .... 40c 1/4 oz. .... 75c Oz. .... \$2.50

## PHYSALIS (Chinese Lantern Plant)

**Franchetti.** Bright orange-scarlet lantern-like fruits which are used extensively for floral decorations.

Tr. Pkt. .... 30c 1/4 oz. .... 80c Oz. .... \$2.50



Lupinus A. B. C. Special Mixture

## PLATYCODON (Balloonflower)

**Grandiflorum.** Bell-shaped flowers on graceful stems from June to September. 2 ft.

	Blue		White
Tr. Pkt. ....	35c	1/8 oz. ....	80c 1/4 oz. .... \$1.50

## POPPY, ORIENTAL

Huge brilliantly colored cup-shaped flowers. A good percentage of plants will be true to color. 3 ft. Tr. Pkt. 1/4 oz. Oz.

**Brilliant.** Bright fiery-red. .... \$0.35 \$1.65

**Princess Victoria Louise.** Salmon. .... .35 1.20 \$3.60

**Scarlet** .... .25 .60 2.20

**Mixed.** A selection of the finest varieties. .... .40 1.20 4.00

## PRIMULA (Hardy Primrose)

### PRIMULA POLYANTHUS VERIS HYBRIDS

**A. B. C. Private Stock.** Exceptionally wide range of brilliant colors, giant flowers. Plants compact with good stems.

Tr. Pkt. .... \$1.00 1/8 oz. .... \$2.75 1/4 oz. .... \$5.00

## HARDY PRIMULAS — VARIOUS SORTS

**Acaulis Grandiflora, Choice Mixture.** Rich in color, early. 6 ins.

Tr. Pkt. .... \$1.00 1/64 oz. .... \$1.40 1/32 oz. .... \$2.25

**Auricula, Choice Mixed.** Bright pastel shades. Fragrant flowers produced in April and May. 6 ins.

Tr. Pkt. .... 75c 1/8 oz. .... \$1.85 1/4 oz. .... \$3.25

**Bullesiana Hybrids.** Shades of yellow, orange, apricot and carmine. May and June. 1 1/2 ft.

Tr. Pkt. .... \$1.00 1/64 oz. .... \$1.75 1/32 oz. .... \$3.00

**Denticulata Grandiflora Hybrida.** Attractive ball-shaped heads in lilac, lavender and purple. 12 to 15 ins.

Tr. Pkt. .... 60c

**Japanica.** Bright crimson, rose and pink flowers borne in whorls. 6 to 9 ins.

Tr. Pkt. .... 60c



# A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS

## PYRETHRUM ROSEUM (Persian Daisy)

Rose. White. James Kelway, deep velvet red. Carneum, flesh-pink. Single Mixed.  
 Tr. Pkt. .... 60c 1/4 oz. .... \$1.50 Oz. .... \$5.00  
 Double Choice Mixture.  
 Tr. Pkt. .... 60c 1/4 oz. .... \$2.75 Oz. .... \$8.25  
 Parthenifolium Aureum (Golden Feather).  
 Tr. Pkt. .... 20c 1/4 oz. .... 35c Oz. .... \$1.00

## RUDBECKIA (Coneflower)

Neumannii. Vivid yellow with black center, rich bloomer, excellent for cutting.  
 Tr. Pkt. .... 30c 1/4 oz. .... 95c Oz. .... \$3.50  
 Purpurea. Reddish-purple with a remarkably large cone-shaped center of brown. Forms bushy plants and blooms from July to October. 3 ft.  
 Tr. Pkt. .... 25c 1/4 oz. .... 85c Oz. .... \$3.00

## SCABIOSA

An excellent cut-flower with long, wiry stems. Blooms from June to September. 2 to 3 ft.  
 Caucasica. Soft lavender-blue.  
 Tr. Pkt. .... 35c 1/4 oz. .... 75c Oz. .... \$2.70  
 House Giant Hybrids. Colors from white to darkest blue. Very large flowers.  
 Tr. Pkt. .... 40c 1/4 oz. .... \$1.10 Oz. .... \$3.70

## SEDUM

Aizoon. 5 ins. Excellent dwarf variety for rockery. Yellow with brown flowers on delicate stems, with lance-shaped leaves; easy to grow.  
 Tr. Pkt. .... 30c

Spurium Coccineum. 6 ins. Rosy-mauve. A rich bloomer; in its contrast between the fine buds and stems with the attractive variegated foliage, especially decorative. Hardy rock plant, dainty in combinations.  
 Tr. Pkt. .... 30c

## STATICE (Sea Lavender)

Splendid hardy perennial producing panicles of minute flowers, which can be dried and used for winter bouquets.  
 Caspia. Lilac flowers. Very vigorous. 2 ft.  
 Tr. Pkt. .... 30c 1/4 oz. .... 80c Oz. .... \$2.75  
 Dumosa. Dense clusters of pure silver-gray blooms; 30 ins.  
 Tr. Pkt. .... 40c 1/4 oz. .... 90c Oz. .... \$3.20  
 Latifolia. Purplish flowers.  
 Tr. Pkt. .... 30c 1/4 oz. .... 70c Oz. .... \$2.40

## STOKESIA

Cyanea. Large lavender-blue flowers. 2 ft.  
 Tr. Pkt. .... 40c 1/4 oz. .... \$1.00 Oz. .... \$3.20

## THALICTRUM (Meadow Rue)

Adiantifolium. Yellow flowers. 1 1/2 ft.  
 Tr. Pkt. .... 30c 1/4 oz. .... 55c  
 Aquilegifolium Hybridum. New colors. Columbine-leaved, elegant.  
 Tr. Pkt. .... 30c 1/4 oz. .... 55c  
 Dipterocarpum. Graceful sprays of violet-mauve flowers. Fine for cutting. 4 ft.  
 Tr. Pkt. .... 30c 1/4 oz. .... 55c

## THERMOPSIS

Caroliniana. Showy long spikes of Lupin-like yellow flowers produced in June and July. Excellent for cutting. Seeds germinate slowly. 3 ft.  
 Tr. Pkt. .... 30c 1/4 oz. .... 75c Oz. .... \$2.40

## TRITOMA

Yellow to orange-red spikes of narrow, tubular flowers. Blooms from August to October. 3 to 4 ft.  
 Early-Flowering Hybrids. A fine range of colors.  
 Tr. Pkt. .... 40c 1/4 oz. .... 70c Oz. .... \$2.40  
 Pfitzer's Hybrids. Scarlet.  
 Tr. Pkt. .... 40c 1/4 oz. .... 70c Oz. .... \$2.40

## TROLLIUS (Globeflower)

Seeds should be frozen over winter for proper germination.

Ledebouri Golden Queen. Orange. 24 ins.  
 Tr. Pkt. .... 40c 1/16 oz. .... \$1.00 1/8 oz. .... \$1.80  
 Europaeus. Yellow.  
 Tr. Pkt. .... 40c 1/8 oz. .... \$1.00

## TUNICA

Saxifraga. A pretty tufted plant with light pink flowers produced all summer. Useful either for the rockery or the border. 10 ins.  
 Tr. Pkt. .... 35c 1/4 oz. .... 90c

## VALERIANA (Valerian)

Mixed. Showy, hardy border plants producing large corymbs of red or white flowers. Fine for bouquets. 2 ft.  
 Tr. Pkt. .... 30c 1/4 oz. .... 75c

## VERONICA (Speedwell)

Spicata. Has long spikes of bright blue flowers in June and July. 1 1/2 ft.  
 Tr. Pkt. .... 40c 1/4 oz. .... 90c Oz. .... \$2.50

## VIOLA

While smaller-flowered than pansies, these tufted pansies are very free-flowering and more persistent. Excellent for bedding. About 8 ins.

	Tr. Pkt.	1/4 oz.	Oz.
CORNUTA			
Apricot. Beautiful rich apricot shades...	\$0.60	\$2.20	\$6.50
Arkwright Ruby. Bright ruby-crimson, with central markings; velvety; fragrant...	.60	2.90	9.00
Blue Perfection. Light blue; large-flowered	.60	2.00	6.00
Chantreyland. A perfect viola, pure apricot	.60	2.40	8.00
G. Wermig. Rich violet-blue. 8 ins.	.60	2.90	9.00
Jersey Gem. Compact habit, deep violet-blue. 8 ins. (1/8 oz., \$2.25)	.60	....	....
Lutea Splendens. Chrome-yellow. 8 ins.	.60	1.60	5.50
White Perfection. White, large-flowered. 8 ins.	.50	1.50	5.40
A. B. C. Formula Mixture. Bright shades of self colors of red, yellow, blue and apricot	.60	2.40	7.50
ODORATA			
Queen Charlotte. Dark blue, sweet-scented	.40	1.35	....



Viola Chantreyland



# A. B. C. SUPREME QUALITY SUPPLIES

## MODERN INSECTICIDES FOR THE GROWER

### REFILLABLE AEROSOL BOMBS

No.	Type	Each	*Deposit
G-50	DDT	\$ 8.50	\$3.75
G-52	TEPP	6.50	3.75
G-54	Parathion	8.00	3.75
G-57	Dithion	8.00	3.75
G-60	Aramite	12.00	3.75
G-62	Malathion	9.75	3.75
G-63	Chlorobenzilate and OMPA	13.50	3.75

\*NOTE: The Deposits on the Bombs are refunded when they are returned to us prepaid.

### APPLICATORS FOR BOMBS

24-in. Each	\$6.00
36-in. Each	6.50
48-in. Each	7.00

### GAS MASKS

Approved Mine Safety Industrial mask complete with case and GMC-1 canister. Each \$32.00  
Extra GMC-1 canister 3.95

### ARAMITE—15% Wettable

4 lbs.	\$3.00	50 lbs.	\$34.50
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### CHLORDANE—40% Wettable Powder

1 lb.	\$1.25	Doz.	\$12.00
5 lbs.	3.25	Doz.	36.00

### CHLORDANE—5% Dust

50-lb. bag	\$7.50
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### CHLORDANE—(Acme 6% Dust)

1-lb. sifter can.	\$0.50	Case of 24.	\$ 9.60
4-lb. bag.	1.25	Case of 12.	12.00

### CHLOROBENZILATE (Geigy 338) 25% Wettable

4 lbs.	\$6.00
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### CYANOGAS "G"

A deadly, very effective fumigant for control of anything that breathes.

5-lb. can	\$ 4.25
25-lb. drum	13.75
100-lb. drum	31.00

### KAPCO SOLUBLE FERTILIZERS

Available in several formulas for your specific needs and have added minor elements. They feed economically, uniformly, quickly, safely.

Analysis	25 lbs.	80 lbs.	480 lbs.	800 lbs.
15-30-15	\$5.50	\$16.00	\$91.20	\$144.00
20-20-20	5.50	16.00	91.20	144.00
16-0-26	5.00	12.80	67.20	104.00

### Azalea Acid.

21-7-7 plus.

20% Iron Sulphate	5.50	16.00	91.20	144.00
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### DDT DUST—5%

5-lb. bag	\$1.00	50 lbs.	\$6.00
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### DDDT POWDER—50% Wettable

4-lb. bag	\$1.60	5-lb. drum	\$16.50
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### DETEX—Contains 25% DDT

Qt.	\$ 3.50
Gal.	\$11.00
5 gals.	50.00

### DU PONT SPREADER

Pt. can (1 lb.)	\$ 1.15
Gal. can (8 lbs.)	7.95
5-gal. drum (40 lbs.)	37.50

### FERMATE—Fungicide

3-lb. bag	\$2.45	Doz.	\$25.80
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### FORMALDEHYDE DUST

#### FORMACIDE

For the control of damping-off of seedlings. Also a disinfectant against soil diseases.

1 lb.	\$ 0.85	5 lbs.	\$ 2.50
25 lbs.	10.00	50 lbs.	17.50
100 lbs.			30.00

### MILDEX—Fungicide

For powdery mildew on roses.

3 lbs.	\$6.30	100 lbs.	\$175.00
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### LINDANE—25% Wettable

4-lb. bag	\$10.00
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### MALATHION—50% Emulsifiable

Pt.	\$2.95	Gal.	\$14.50
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### NICO-FUME LIQUID

2-lb. tin (qt.)	\$ 3.20
8-lb. (gal.)	11.05

### NICO-FUME PRESSURE FUMIGATORS

Case of 12 1/2-lb. cans	\$4.50
Case of 12 1-lb. cans	8.55

### OPTOX

#### Rotenone and Pyrethrum Spray

Qt.	\$3.70	Gal.	\$12.00
5 gals.			55.00

### OPTOX SPECIAL—With 10% DDT

Gal.	\$12.00
5 gals.	55.00

### PLANTFUME SMOKE GENERATORS

5,000 cu. ft. size, case of 36	\$10.50
20,000 cu. ft. size, case of 12	12.00

### PARATHION POWDER

#### 15% Wettable

4-lb. bag	\$3.00	50-lb. bag	\$32.50
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### PARZATE

3-lb. bag	\$2.85
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### ROTECIDE

#### The Standard Rotenone Spray

Qt.	\$ 3.00
Gal.	\$8.00
5-gal. drum	35.00

### SANTOMERSE S PENETRATOR

Best penetrator for the troublesome Mealy Bug. Ideal spreader for use with TEPP.

Gal.	\$5.50
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### SNAROL MEAL OR PELLETS

#### With Metalddehyde

Meal or Pellets—state which

Lb.	\$0.50	2 1/2 lbs.	\$ 1.00
6 lbs.	2.00	50 lbs.	10.00

### SODIUM SELENATE—Pure

4 oz.	\$3.25	Lb.	\$9.00
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### SODIUM SELENATE POWDER

#### Seltox

25 lbs.	\$ 7.25	50 lbs.	\$ 13.50
100 lbs.	24.00	500 lbs.	112.50

### VAPOTONE

4 oz.	\$1.00; case of 24	\$16.00
Pt.	2.75; case of 12.	22.00
Gal.		11.90

### ZERLATE

3-lb. bag	\$2.45	Doz.	\$25.80
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### ROOTONE

Regular, 2 oz.	\$1.00	Lb.	\$ 5.00
No. 10, 2 oz.	2.00	Lb.	10.00

### HORMODIN POWDER

#### No. 1

for house, garden and greenhouse plants			
1 3/4 oz.	\$0.50	Lb.	\$3.00

#### No. 2

for woody and semiwoody plants			
1 3/4 oz.	\$0.75	Lb.	\$4.50

#### No. 3, for evergreens and trees

Oz.	\$1.00	1/2 lb.	\$4.50
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## PAINTS AND PUTTY

**Greenhouse Paint.** A.F.S. Special White. A high-grade paint made from a balanced formula for long life. Goes on WHITE and stays WHITE. One gallon covers approximately 700 sq. ft.

Gal.	\$5.85	5 gals.	\$28.75
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**Kuhl's Elastic Gun Putty.** Does not crack, chip, crumble or peel.

Gal.	\$2.95	5 gals.	\$14.25
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**Garlanite Gun Putty.** Keeps soft and pliable.

Gal.	\$3.80	5 gals.	\$18.25
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## GLAZING TOOLS AND SUPPLIES

**Glass Cutters.** Trojan. Each \$0.35

**Glazing Gun.** Capacity, 1 1/2 pts. Model A 4.75

**Glazing Gun.** Capacity, 2 pts. Model AA 6.75

**Putty Bulb.** Each 1.45

**Glazing Points—Straight.** 5/8 or 7/8-in.

Per 1-lb. box. Each .80

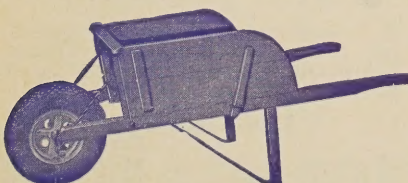
5 or more boxes. Each .75

20 or more boxes. Each .70

**Glazing Staples.** No. 2 for single-strength glass; No. 2 1/2 for double-strength.

Per lb.	\$0.70	10 lbs., per lb.	.60
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## GREENHOUSE WHEELBARROW



Sturdy wood barrow with removable sides. Narrow width for greenhouse aisles and walks. 19 ins. wide at widest point. Ball-bearing wheels with pneumatic rubber tires. Each (Wt. 38 lbs.) \$24.50

## TERRA-LITE VERMICULITE

Sterilized growing medium for seed flats or cutting benches.

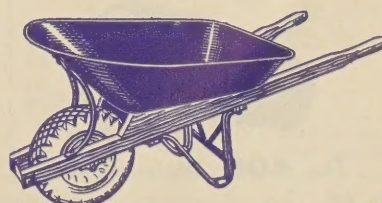
4 cu. ft. bag	\$1.60	10 bags	\$15.00
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## CHELATED IRON—Sequestrene

A soluble material that corrects iron deficiency. It quickly "greens up" plants and increases yield.

1 lb.	\$2.50	Ctn. of 12.	\$25.00
5 lbs.	8.75	10 lbs.	15.00
50 lbs.			\$55.00
100 lbs. or more			shipped prepaid.

## WHEELBARROW—Steel



Built for heavy work and constant use. Steel tray, 35x30 ins. Capacity, 4 cu. ft. Ball-bearing wheel with rubber tire. Hardwood handles. Each (Wt. 55 lbs.) \$23.50



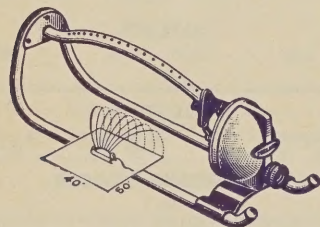
## SUPPLEX FLEXIBLE SPRINKLER



High strength vinyl plastic flexible sprinkler hose that waters any shaped area up to 50 ft. x 20 ft. at one time. Unique triple-tube design insures sprinkler's lying flat. Wire reel supplied with each sprinkler.

No. 600, 25 ft. Each. \$3.00 12 for. \$31.84  
No. 1000, 50 ft. Each. 4.50 6 for. 23.92

## SWINGIN' SPRAY—Melnor



America's No. 1 oscillating sprinkler; covers rectangular areas up to 2000 sq. ft. uniformly. Simple split-second adjustment for smaller areas. Made entirely of noncorrosive aluminum, zinc and brass with Perma-sealed motor unit. Works on normal city pressure.

No. 700, Each. \$8.50 6 for. \$48.00

## Parkside Sprinkler

Revolving or stationary. Sprays or streams. Large to small areas.

No. 7003.

Each. \$4.75  
6 for. 23.80

## WATER BREAKER



## The 400 Water Breaker

No. 400. Gives a large volume of water with very little pressure. 3/4-in. coupling.  
Each. \$1.35

## CANE STAKES—Pencil Thickness

	Per 1000	Per Bale
1 1/2 ft. Green	\$ 3.50	\$ 6.00
2 ft. Green	4.75	8.00
2 1/2 ft. Green	5.75	10.00
3 ft. Green	7.50	13.00
3 1/2 ft. Green	9.50	16.50
4 ft. Green	10.50	18.00

2000 to the bale.

## SPLIT BAMBOO STAKES

	Per 1000	Bale of 5000
12 ins.	\$2.50	\$10.00
15 ins.	3.50	14.00
18 ins.	4.00	16.00
24 ins.	6.00	24.00

## GALVANIZED WIRE STAKES

	8-gauge		9-gauge	
	Per 100	Per 1000	Per 100	Per 1000
3 ft.	\$3.75	\$28.00	\$3.10	\$24.20
4 ft.	4.60	37.30	3.95	31.70
5 ft.	5.75	47.10	4.90	39.80
6 ft.	6.85	55.20	5.85	47.60
7 ft.	7.90	64.60	6.80	55.50
8 ft.	8.95	73.80	7.95	63.90

## GALVANIZED BENCH WIRE

16-gauge, 50 lbs.	\$8.40
18-gauge, 50 lbs.	9.95

## EVERLASTING STAKE FASTENERS

Per 500	\$2.50	Per 5000	\$24.00
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## COTTON TWINE

3 or 4-ply, 5-lb. bag	\$4.50
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## WOOD POT LABELS

	Per 1000	Plain Painted
4x5/8 ins. (1000 per carton)	\$2.90	\$3.40
5x5/8 ins. (1000 per carton)	3.10	3.70
6x5/8 ins. (1000 per carton)	3.40	4.15
8x5/8 ins. ( 500 per carton)	5.00	6.20
10x5/8 ins. ( 500 per carton)	6.00	7.30
12x5/8 ins. ( 500 per carton)	7.00	8.60

## WOOD GARDEN LABELS

	Per 1000	Plain Painted
8x 7/8 ins. (250 per carton)	\$ 7.30	\$ 8.50
10x 7/8 ins. (250 per carton)	8.30	9.60
12x1 1/8 ins. (100 per carton)	14.00	16.00

## WOOD TREE LABELS

	Per 1000	Plain Painted
3 1/2 x 5/8 ins., copper-wired	\$3.40	\$4.20

## WEATHERPROOF PENCILS

Each. 10c	Doz. \$1.00	Gross. \$10.00
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## TWISTEMS

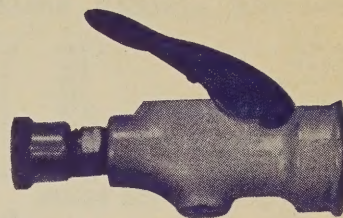
## The Handy Plant Tie

	Per ctn. of 24 boxes	Per box
4-in. Box of 200	25c	\$4.00
8-in. Box of 100	25c	4.00
16-in. Box of 100	50c	8.00

	BULK	1000	5000	10,000	25,000
4-in.	\$0.95	\$ 4.60	\$ 8.90	\$21.00	
8-in.	1.70	7.95	15.20	36.50	
12-in.	2.55	11.90	22.90	54.75	
16-in.	3.40	15.85	30.50	73.00	

## SEEDLING SPRINKLER WITH SHUT-OFF



A new-type fine mist atomizer with finger-depressor shut-off. Precision made. The last word in seedling sprinklers.

No. L-5-3. With 3/4-in. hose connection. Each. \$4.00

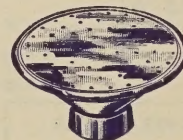
## FLAT

## SPRAY



Junior—No. 7047.  
Stamped brass.  
Deluxe—No. 7000.  
Cast brass.

Junior. Each. \$0.60 Doz. \$ 5.60  
Deluxe. Each. 1.30 Doz. 12.00



## HOT HOUSE SPRINKLER

3/4-in. coupling.

Stamped Brass. No. 3604.

3-in. Each. \$0.80 Doz. \$ 8.00  
4-in. Each. 1.00 Doz. 10.40

## HOSE—Rubber



## Greenhouse Special

DURO—Very finest-grade, natural rubber hose, especially designed for greenhouse use. Very flexible.

2-braid—Heavy-duty, high-pressure. 3/4-in.—Uncoupled. Per ft. .49c  
Coupled with long-shank florists' couplings:

25 ft. \$13.95 50 ft. \$25.75

**Koroseal**  
Trade Mark Reg. U. S. Pat. Off.

B. F. Goodrich's tough, durable, top-selling plastic hose. Fast-flow, flexible, lightweight. Handles pressures up to 50 lbs. Green.

## 1/2-in. Garden Hose

Each Case of 5  
25 ft. cpld. (\$5.75 retail) \$4.17 \$19.80  
50 ft. cpld. (\$9.80 retail) 7.11 33.75

## 3/4-in. Growers' Hose

25 ft. cpld. Each. \$ 8.75  
50 ft. cpld. Each. 15.75



## BIRD PERENNIAL POTS

A better perennial pot for perennials, roses, vines and shrubs. Made of a tough material, with hard, smooth coating inside and out. Solid stapled bottom with openings for drainage.

Top Height	Weight dia.	per 1000	Per case of 200	Per 1000
5-in.	8-in.	325 lbs.	<b>\$12.60</b>	<b>\$60.00</b>
5½-in.	5-in.	165 lbs.	<b>7.70</b>	<b>36.50</b>
6½-in.	6-in.	220 lbs.	<b>11.00</b>	<b>51.50</b>
9½-in.	7-in.	355 lbs.	<b>13.20</b>	<b>62.85</b>

**MINIMUM ORDER:** Case of 200 of one size. Three cases at 1000 price. F.O.B. Chicago or East Walpole, Mass.

## BIRD PAPER POTS

**VITA-POTS:** Grow and ship in the same pot—saves labor and leaves root ball undisturbed. Nutrient treatment, so successful in Vita-Bands, has now been applied to this sturdy resinous pot. Reduces watering.

**RED POTS:** For shipping only. Not recommended for growing. Lightweight and sturdily made to protect root ball from breakage—inner wax coating prevents drying out. A "must" to preserve the top quality of your plants in transit.

Prices per 1000		
Size	Vita-Pots	Red Pots
2-in.	<b>\$14.60</b>	<b>\$ 8.60</b>
2¼-in.	<b>14.95</b>	<b>8.60</b>
2½-in.	<b>15.50</b>	<b>8.70</b>
3-in.	<b>17.40</b>	<b>9.15</b>
3½-in.	<b>22.70</b>	<b>12.20</b>
4-in.	<b>25.70</b>	<b>14.70</b>
5-in.	<b>33.40</b>	<b>18.15</b>
6-in.	<b>44.10</b>	<b>22.25</b>

F.O.B. Chicago, or East Walpole, Mass.



## PALM TUBS

Strongly constructed of wood and held rigid with three steel wire straps. Painted green.

Size	Each	Dozen
7-in.	<b>\$1.30</b>	<b>\$14.40</b>
8-in.	<b>1.40</b>	<b>15.60</b>
9-in.	<b>1.60</b>	<b>18.00</b>
10-in.	<b>1.80</b>	<b>19.80</b>
12-in.	<b>2.35</b>	<b>26.40</b>
14-in.	<b>3.30</b>	<b>37.20</b>
16-in.	<b>3.90</b>	<b>44.40</b>

F.O.B. Chicago

## "Easi-Off"



Saves time and labor. Bands are removed without cutting; therefore, the dirt ball and roots are not disturbed.

## WOOD PLANT BANDS

Cat.	Size in inches	Per 1000
No. M-310	1¾x1¾x2½	<b>\$4.10</b>
No. M-320	2 x2 x2½	<b>4.50</b>
No. M-340	2½x2½x3	<b>4.90</b>
No. M-350	3 x3 x3	<b>5.30</b>
No. M-360	3 x3 x4	<b>5.75</b>
No. M-391	4 x4 x4	<b>6.75</b>

## LIGHT WOOD FLATS

For handling and shipping all sizes of Plant Bands.

	Per 100
M-370; holds twelve 1¾-inch Bands	<b>\$3.60</b>
M-390; holds twelve 2-inch Bands	<b>3.90</b>
M-392; holds twelve 2½-inch Bands	<b>5.00</b>
M-393; holds six 3-inch Bands	<b>4.75</b>
M-394; holds six 4-inch Bands	<b>5.75</b>

Shipped promptly from the factory in Michigan.

## STAPLED WOOD PLANT BANDS

Sturdy plant bands made of cottonwood, securely fastened with two wire staples for quick setup.

Size in inches	Wt. Per 1000	Per 1000	Size in inches	Wt. Per 1000	Per 1000
1¾x1¾x2½	33 lbs.	<b>\$4.70</b>	2½x2½x3	43 lbs.	<b>\$5.50</b>
2 x2 x2½	35 lbs.	<b>4.80</b>	3 x3 x3	63 lbs.	<b>5.90</b>
2 x2 x3	41 lbs.	<b>5.10</b>	3 x3 x4	68 lbs.	<b>6.10</b>
2¼x2¼x2½	35 lbs.	<b>5.00</b>	4 x4 x3	65 lbs.	<b>6.20</b>
2½x2½x2½	38 lbs.	<b>5.10</b>	4 x4 x4	70 lbs.	<b>7.10</b>

Shipped promptly from the factory in Illinois.

# BIRD VITA-BANDS AND FLATS

## Vita-Band D

Contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band D when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

## Vita-Band 10

For short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food—your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band D except Vita-Band 10 is removed at time of transplanting. Vita-Band D is not.

### PRICES—QUANTITIES—SHIPPING WEIGHTS

VITA-BAND	1½x1½x2½	1¾x1¾x2½	2x2x2½	2x2x3	2½x2½x3	3x3x3	4x4x3	4x4x4
	<b>\$3.70</b>	<b>\$4.00</b>	<b>\$4.55</b>	<b>\$5.05</b>	<b>\$6.00</b>	<b>\$6.90</b>	<b>\$9.00</b>	<b>\$11.25</b>
	per 1000	per 1000	per 1000	per 1000	per 1000	per 1000	per 1000	per 1000
	2000	2000	2000	2000	2000	500	500	500
	per case (31 lbs.)	per case (36 lbs.)	per case (40 lbs.)	per case (48 lbs.)	per case (59 lbs.)	per case (35 lbs.)	per case (23 lbs.)	per case (31 lbs.)
D	<b>\$3.85</b>	<b>\$4.15</b>	<b>\$4.65</b>	<b>\$5.35</b>	<b>\$6.05</b>	<b>\$7.05</b>	<b>\$9.25</b>	<b>\$11.60</b>
	per 1000	per 1000	per 1000	per 1000	per 1000	per 1000	per 1000	per 1000
	2000	2000	2000	2000	2000	500	500	500
	per case (21 lbs.)	per case (24 lbs.)	per case (27 lbs.)	per case (32 lbs.)	per case (41 lbs.)	per case (24 lbs.)	per case (32 lbs.)	per case (42 lbs.)
H		<b>\$5.45</b>	<b>\$5.80</b>	<b>\$6.90</b>	<b>\$7.65</b>	<b>\$8.50</b>	<b>\$10.45</b>	<b>\$12.90</b>
		per 1000	per 1000	per 1000	per 1000	per 1000	per 1000	per 1000
		1000	1000	1000	500	500	500	500
		per case (28 lbs.)	per case (32 lbs.)	per case (38 lbs.)	per case (24 lbs.)	per case (28 lbs.)	per case (37 lbs.)	per case (49 lbs.)

SOLD IN CASE LOTS ONLY

## VITA-BAND H

The new nutrient-treated successor that replaces Bird Vita-Band 40. Vita-Band H will control root growth of those plants which demand extra-long growing periods.

## Tom Thumb FLATS

Made of heavy water-proof fiber resinous material. Use with Vita-Bands. Potted plants sell easier at premium prices.

No. 1 for 1 doz. 1¾-in. Bands.

No. 2 for 1 doz. 2-in. Bands.

Tom Thumb		Combination	
Flats		1000 Flats	
Per 1000		12,000	
		Vita-Band 10	
		Per 1000 Sets	
Size No. 1	Size No. 2	Size No. 1	Size No. 2
<b>\$44.70</b>	<b>\$49.60</b>	<b>\$86.45</b>	<b>\$95.65</b>
250 per case		Sold in Units of 500 Sets Only.	

F.O.B. CHICAGO, or EAST WALPOLE, MASS.

**NOTE:** Quantity Discounts allowed on any items listed above: 50,000 or over 5%, 200,000 or over 10%.



# All-Double PETUNIAS

**Excellent for Pot Plants and Combinations**

## GLORIOUS (PAN-AMERICAN) STRAIN

**Allegro Improved.** Deep salmon giant fringed flowers which are 100% true to the Grandiflora type. Plants have a uniform dwarf habit and are unexcelled for pots and bedding. One of the most outstanding in the All-Double class.

**Caprice Improved.** Bright rose flowers which are deeply fringed, dwarf.

**Minuet.** Beautiful orchid-lavender. Fine shapely plants, very large fringed flowers.

**Nocturne.** Deep midnight-purple. Dwarf habit with a high percentage of large fringed doubles.

**Rhapsody.** Burgundy-wine-purple, a new color. Fully double, 100% large flowered, free base branching. Uniform habit.

**Sonata.** Pure, finest white. Huge deeply fringed, fully double flowers. Semi-dwarf.

½ Tr. Pkt. (500 seeds) .....	<b>\$2.75</b>	Tr. Pkt. (1000 seeds) .....	<b>\$ 4.50</b>
1/128 oz. ....	<b>\$8.50</b>	1/64 oz. ....	<b>\$16.00</b>
		1/32 oz. ....	<b>\$29.50</b>

**Glorious Mixture.** An excellent formula mixture made up of the above varieties.

½ Tr. Pkt. (500 seeds) .....	<b>\$2.25</b>	Tr. Pkt. (1000 seeds) .....	<b>\$ 4.00</b>
1/128 oz. ....	<b>\$7.60</b>	1/64 oz. ....	<b>\$14.45</b>
		1/32 oz. ....	<b>\$28.00</b>

## VICTORIOUS STRAIN

**Amaranth Red.** Large flowers of rich velvety amaranth-purple color.

**Attraction.** Rich bright rose with sharp contrasting variegation of pure white.

**Blue Brocade Improved.** The real dwarf blue All-Double.

**Gaiety.** Beautifully striped and mottled with bright rose and white. Very dwarf and compact, especially popular among the florists.

**Illumination.** Bright red with scarlet sheen.

**Loveliness.** Soft rose-pink, about one-third slightly darker. All dwarf and compact.

**Prima Donna.** Bright salmon-orange, excellent substance, dwarf and compact. Outstanding for pot plants.

**Pure White Improved.** Pure white, full double, well fringed flowers. Excellent for pots and for bedding.

**Rosy Carmine Improved** (World Beauty, Pink Perfection). Bright rose, much improved in the size of flower and with extra dwarf growth.

**Silver Blue.** Clear blue without veins, velvet-like glistening overlaid with shiny blue.

**Victorious A. B. C. Blend.** Covering full range of colors, excellent in its splendor and its even dwarf growth. Superior to the regular mixture.

½ Tr. Pkt. ....	<b>\$2.25</b>	Tr. Pkt. ....	<b>\$4.00</b>	1/128 oz. ....	<b>\$6.50</b>
		1/64 oz. ....	<b>\$12.00</b>	1/32 oz. ....	<b>\$22.00</b>

## CANADIAN STRAIN

**All-Double Canadian Mixture, Improved.** Vigorous, dwarf, compact plants of free branching habit with large, nicely ruffled flowers. Rose, pink, and mauve, as well as some white and salmon, are included in this mixture.

½ Tr. Pkt. ..	<b>\$2.00</b>	Tr. Pkt. ..	<b>\$3.50</b>	1/128 oz. ..	<b>\$6.65</b>	1/64 oz. ..	<b>\$12.60</b>
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**Colossal Shades of Rose, Improved.** The largest flowered All-Double Petunia. Colors range from light salmon-pink through rose-pink to rich rosy mauve. Plants are of vigorous low spreading habit.

½ Tr. Pkt. ..	<b>\$1.65</b>	Tr. Pkt. ..	<b>\$2.75</b>	1/128 oz. ..	<b>\$5.50</b>	1/64 oz. ..	<b>\$10.00</b>
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**America.** Medium sized, rose-pink, Carnation-flowered blooms. Compact dwarf plants. Valuable for combinations, pot plants and bedding.

½ Tr. Pkt. ..	<b>\$1.35</b>	Tr. Pkt. ..	<b>\$2.50</b>	1/128 oz. ..	<b>\$4.50</b>	1/64 oz. ..	<b>\$8.00</b>
				1/32 oz. ....	<b>\$14.50</b>		

The picture on the front cover shows *Delphinium Pacific Hybrids: King Arthur, Summer Skies, and Galahad.*

# AMERICAN BULB COMPANY

**CHICAGO**

1335 West Randolph St.



**NEW YORK**

31 West 27th St.



Caprice



Rhapsody



Allegro Improved